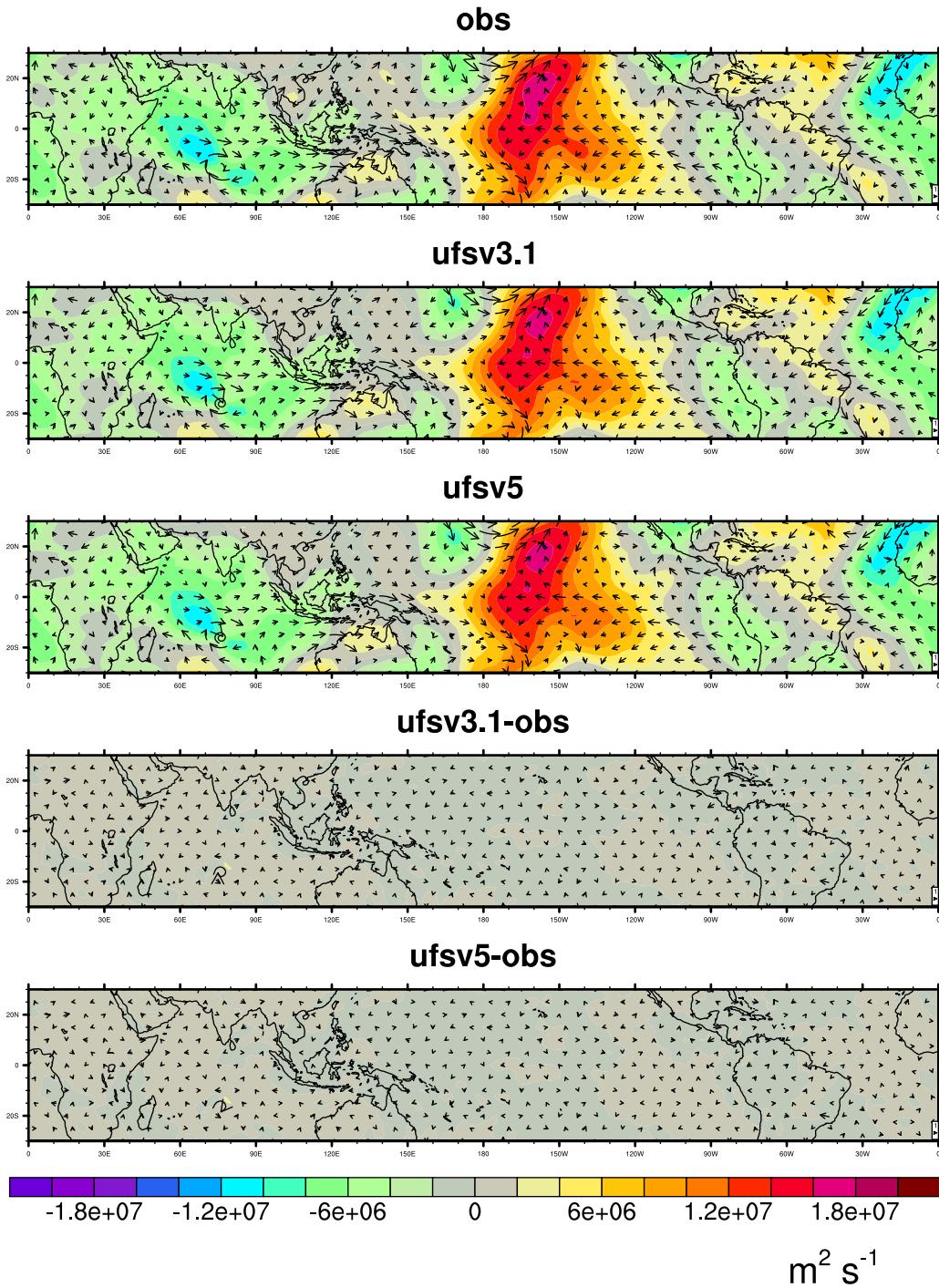
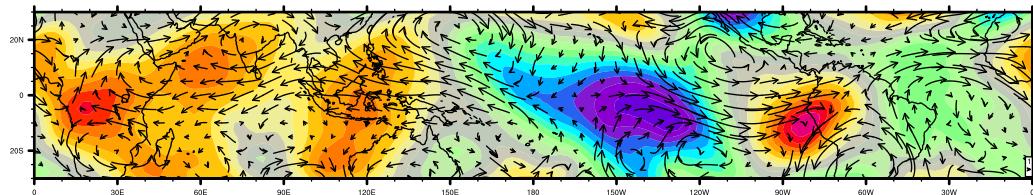


# vp850 (20180201) lead day=0

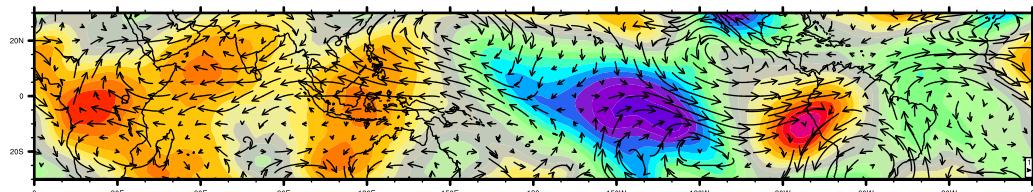


# vp200 (20180201) lead day=0

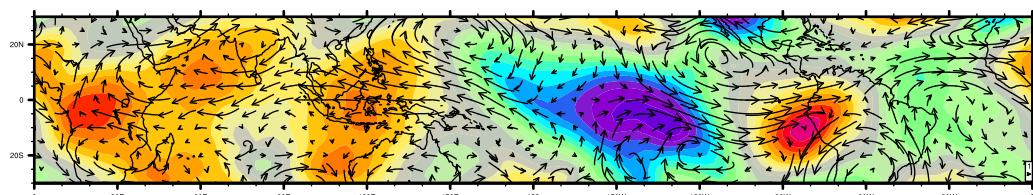
obs



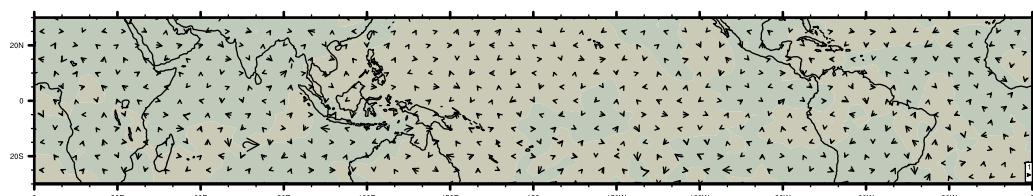
ufsv3.1



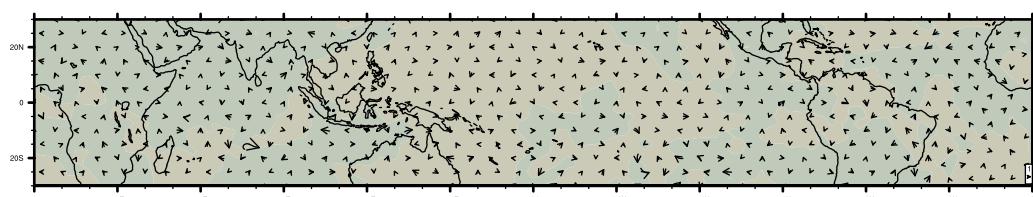
ufsv5



ufsv3.1-obs

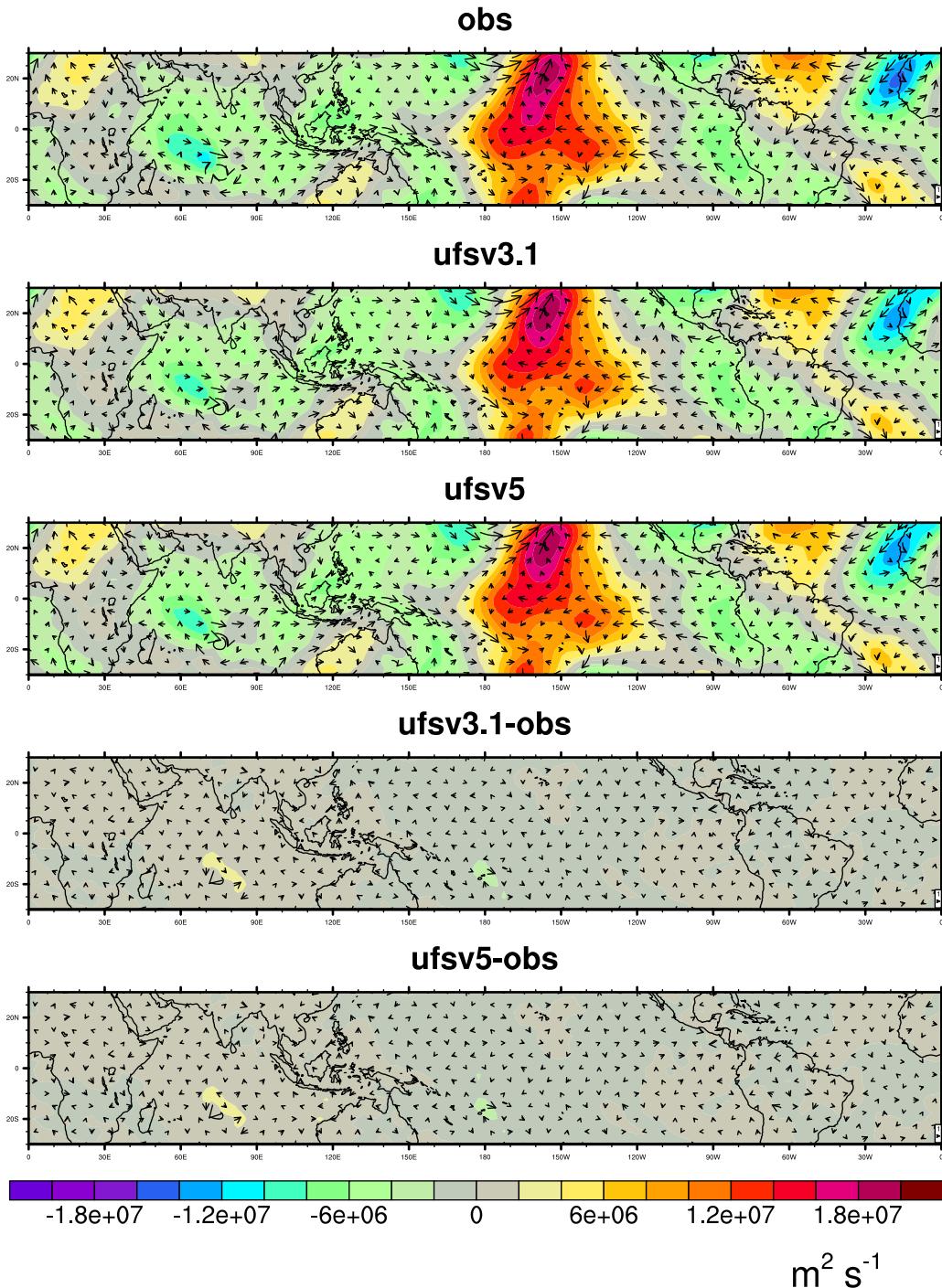


ufsv5-obs



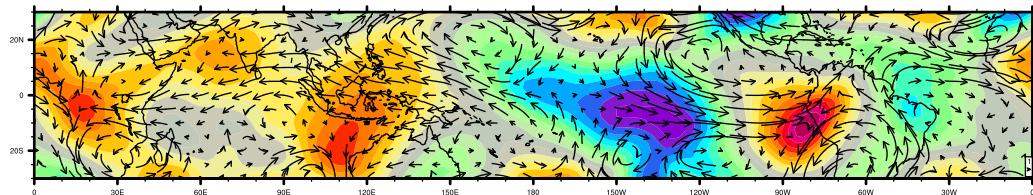
$m^2 s^{-1}$

# vp850 (20180201) lead day=1

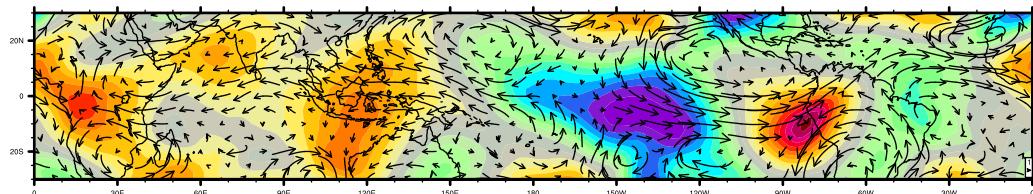


# vp200 (20180201) lead day=1

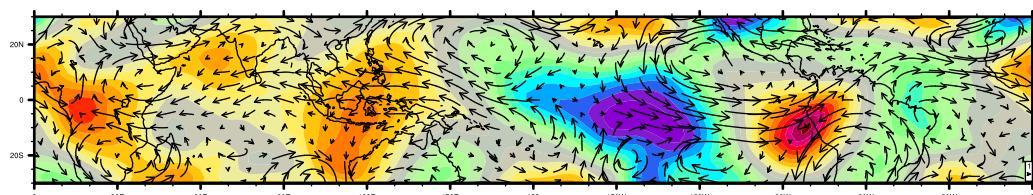
obs



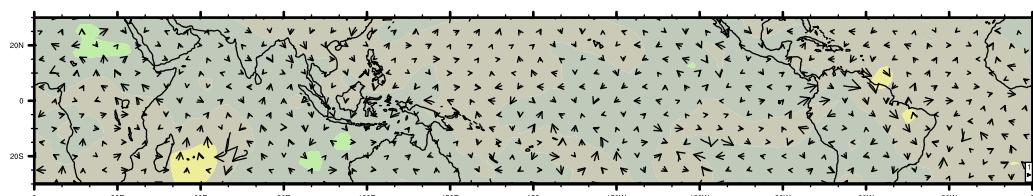
ufs v3.1



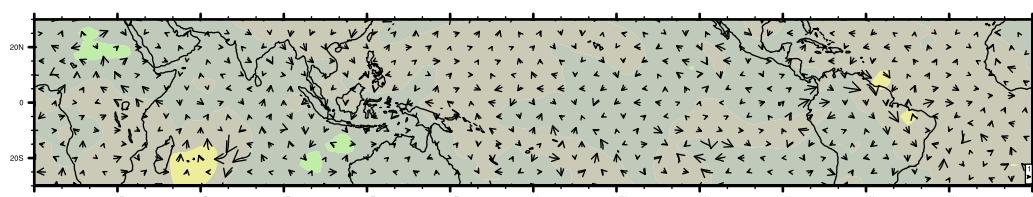
ufs v5



ufs v3.1-obs



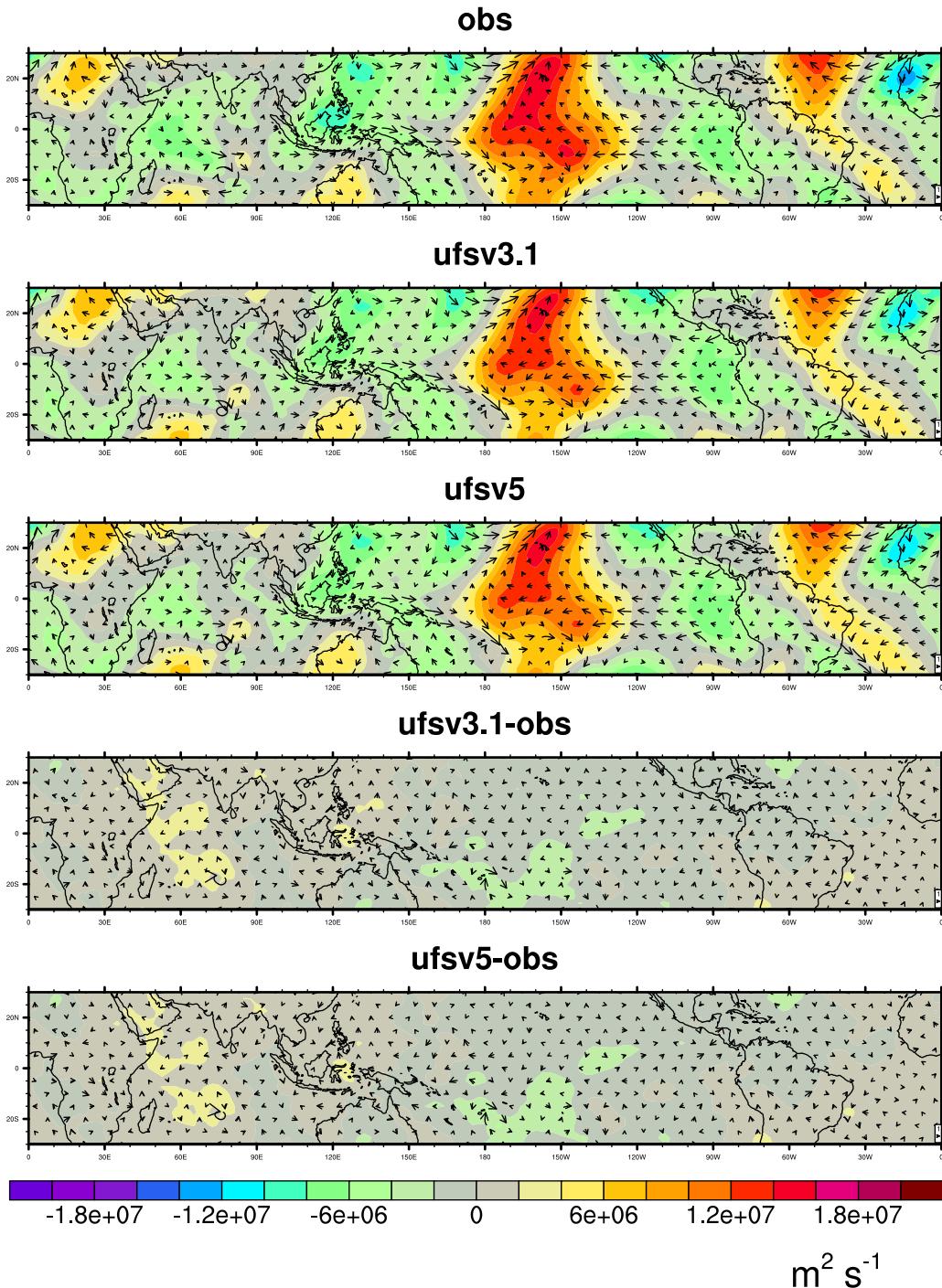
ufs v5-obs



-3.6e+07 -2.4e+07 -1.2e+07 0 1.2e+07 2.4e+07 3.6e+07

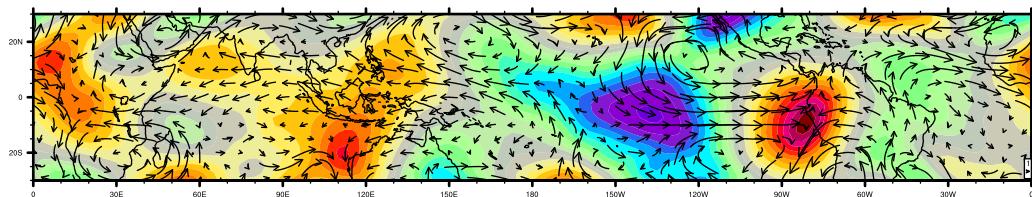
$m^2 s^{-1}$

# vp850 (20180201) lead day=2

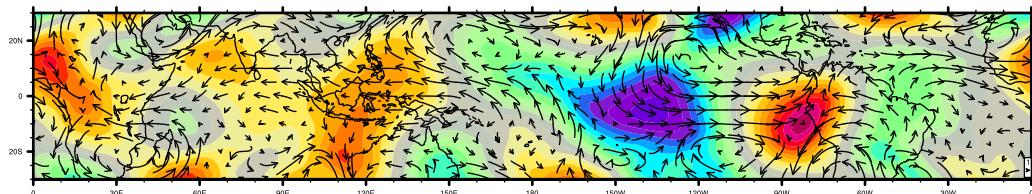


# vp200 (20180201) lead day=2

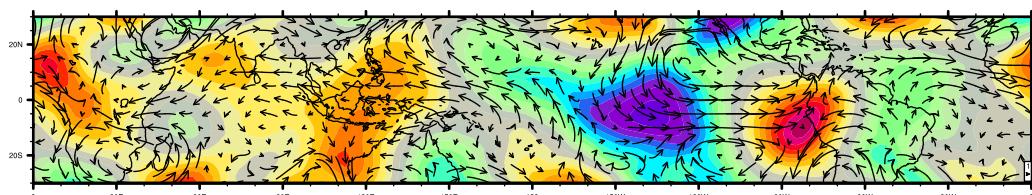
obs



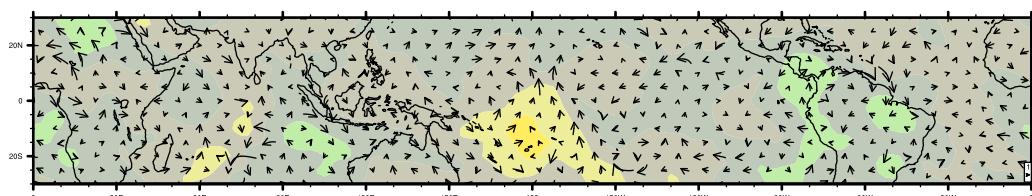
ufsv3.1



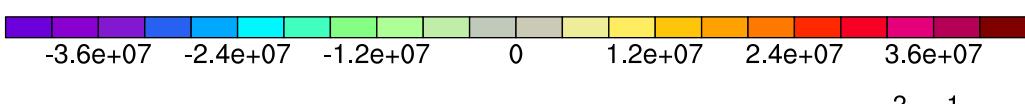
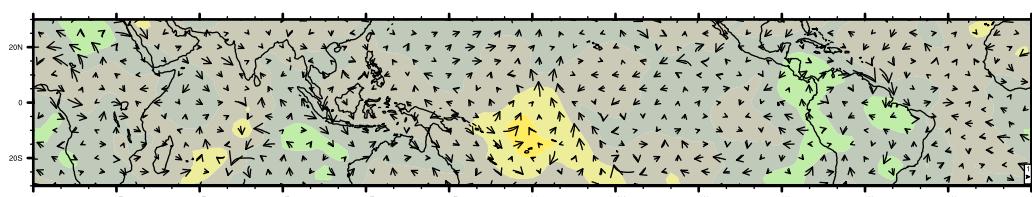
ufsv5



ufsv3.1-obs

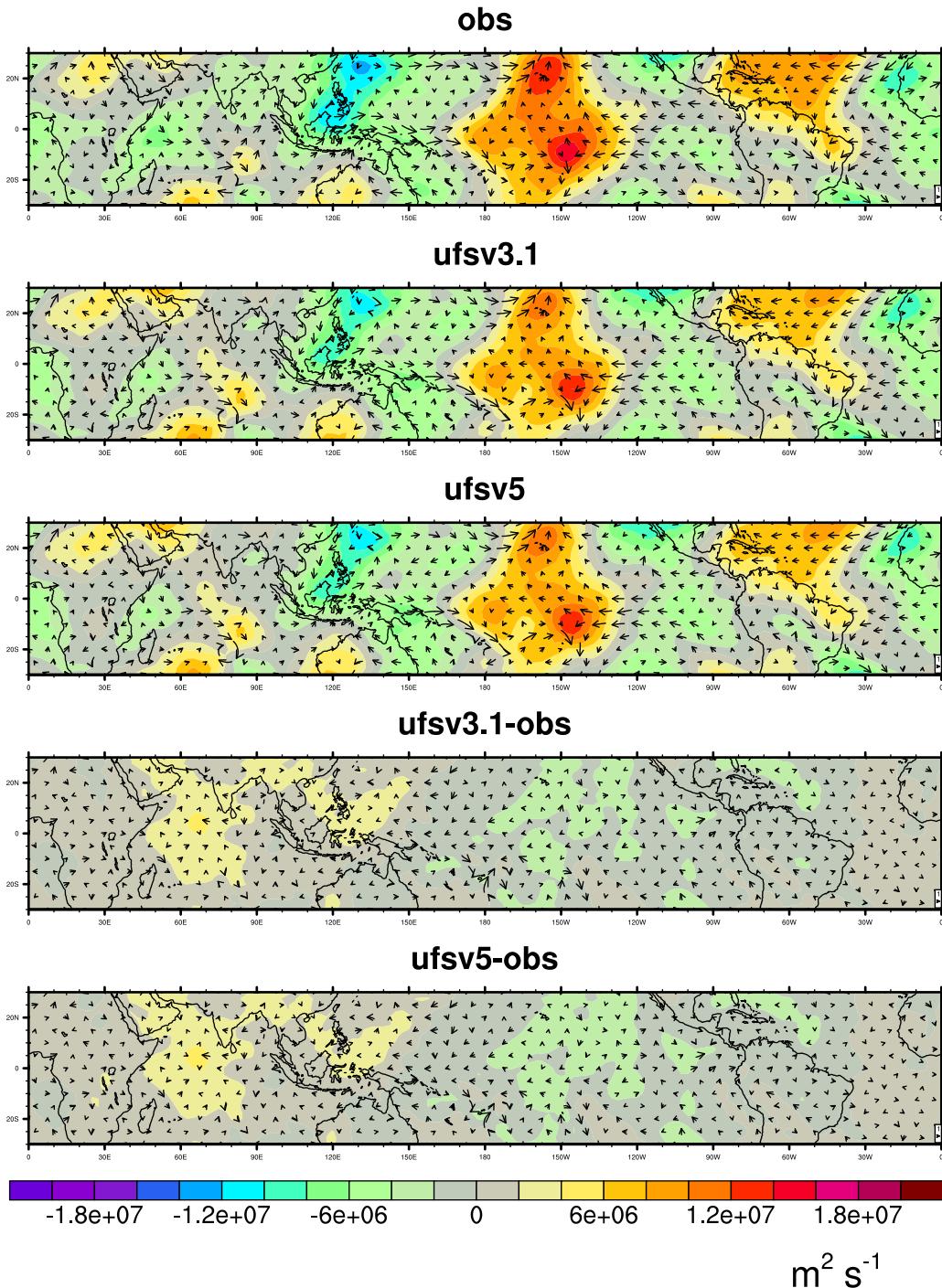


ufsv5-obs

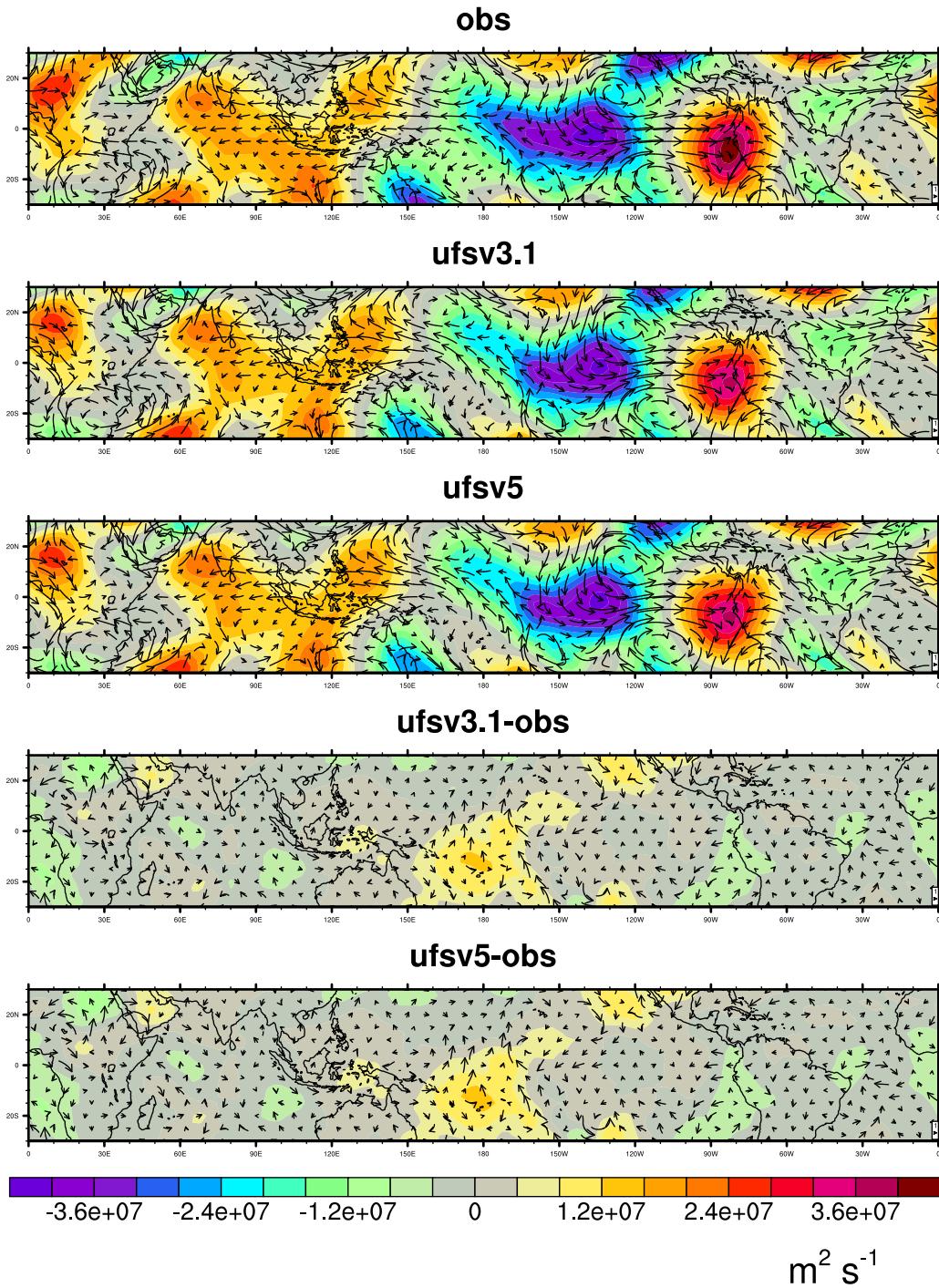


$m^2 s^{-1}$

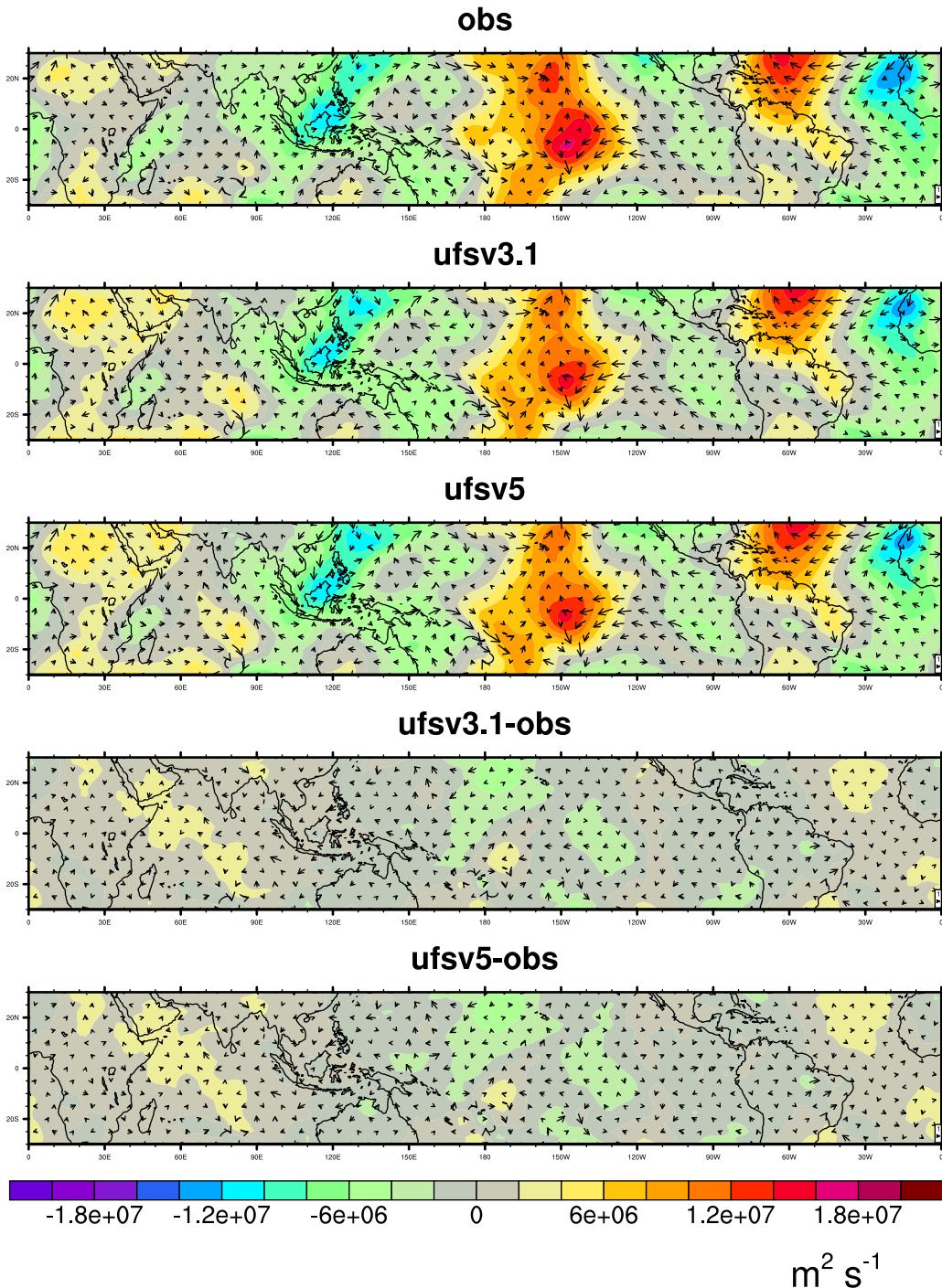
# vp850 (20180201) lead day=3



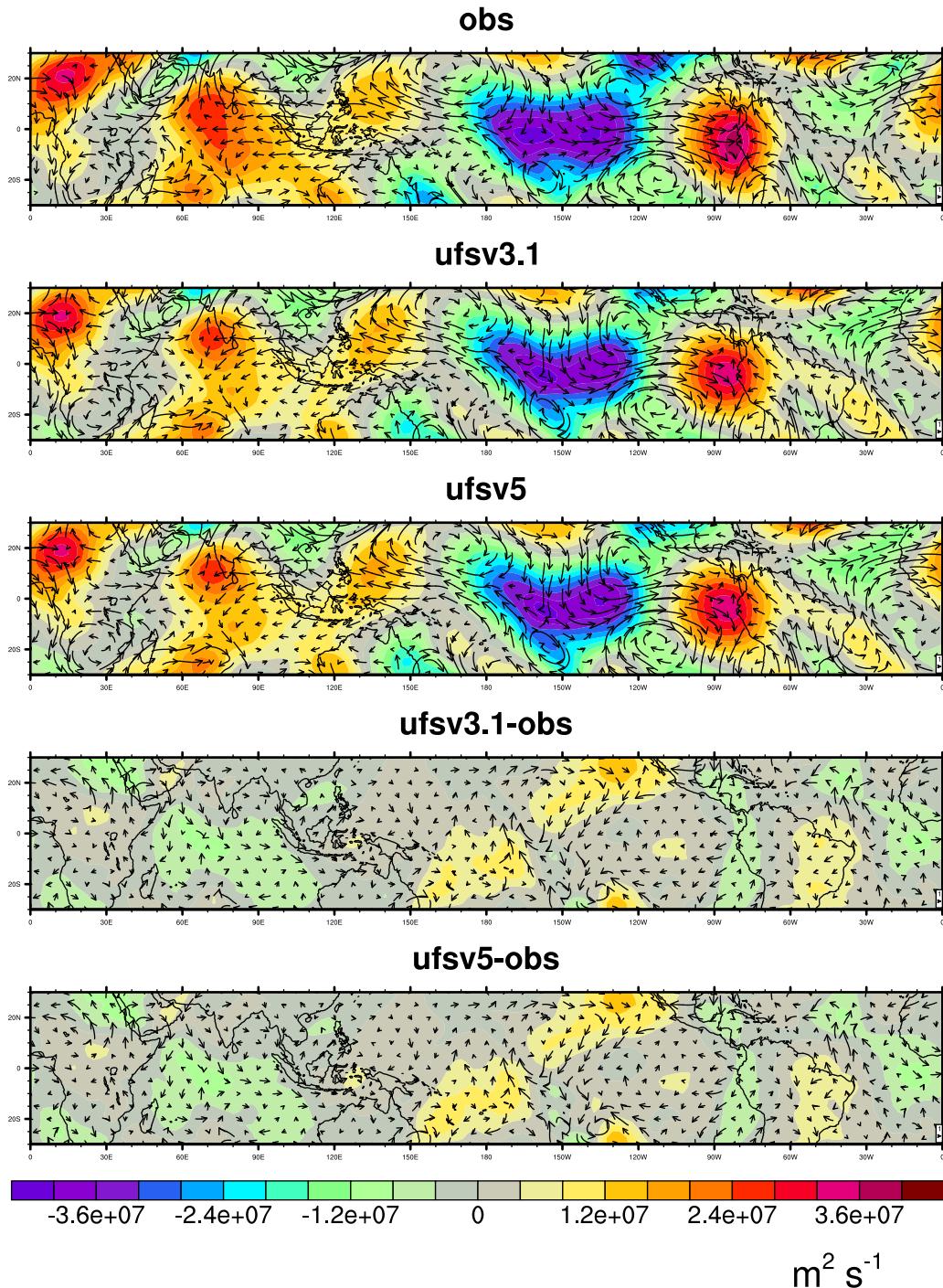
# vp200 (20180201) lead day=3



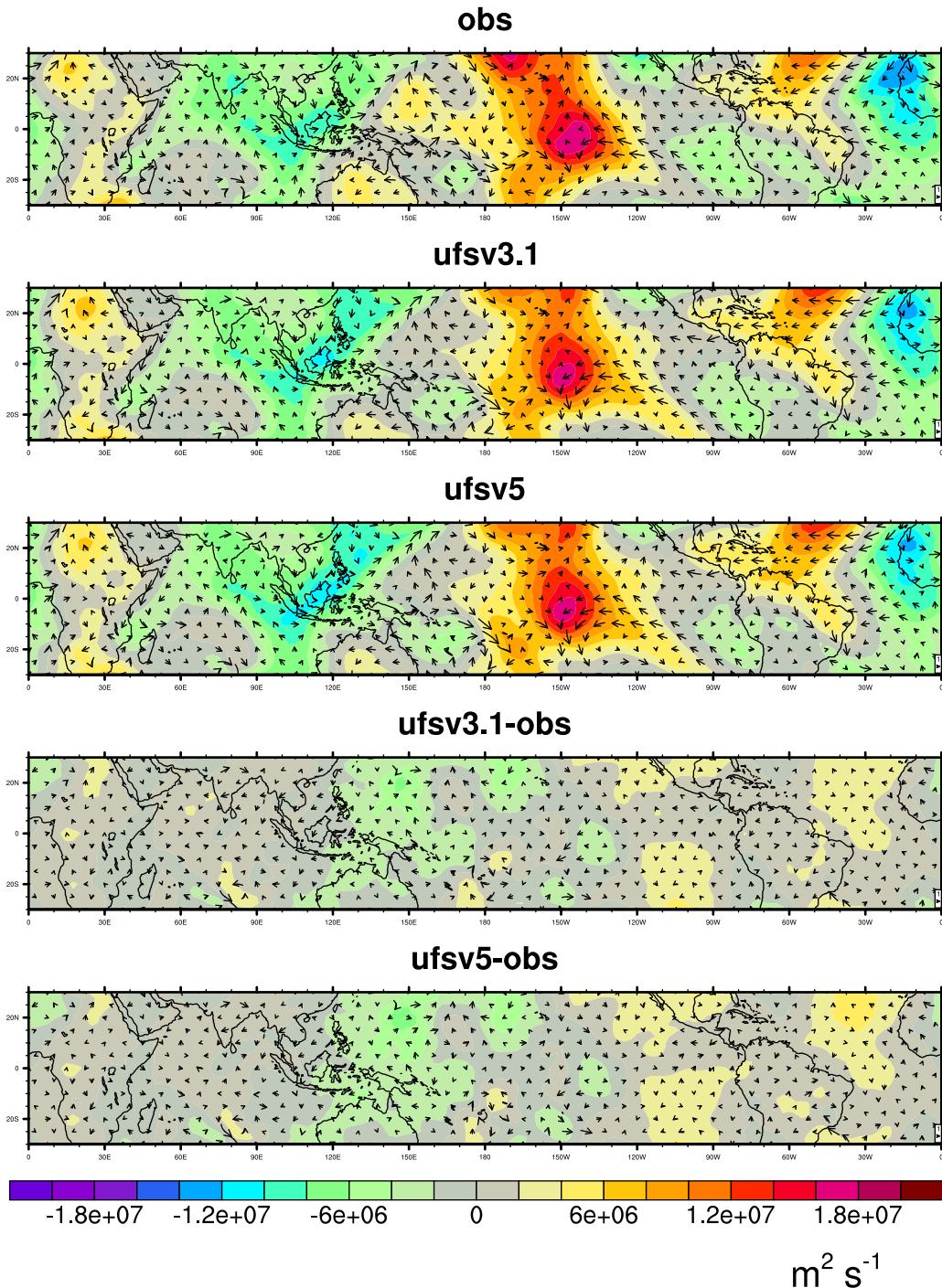
# vp850 (20180201) lead day=4



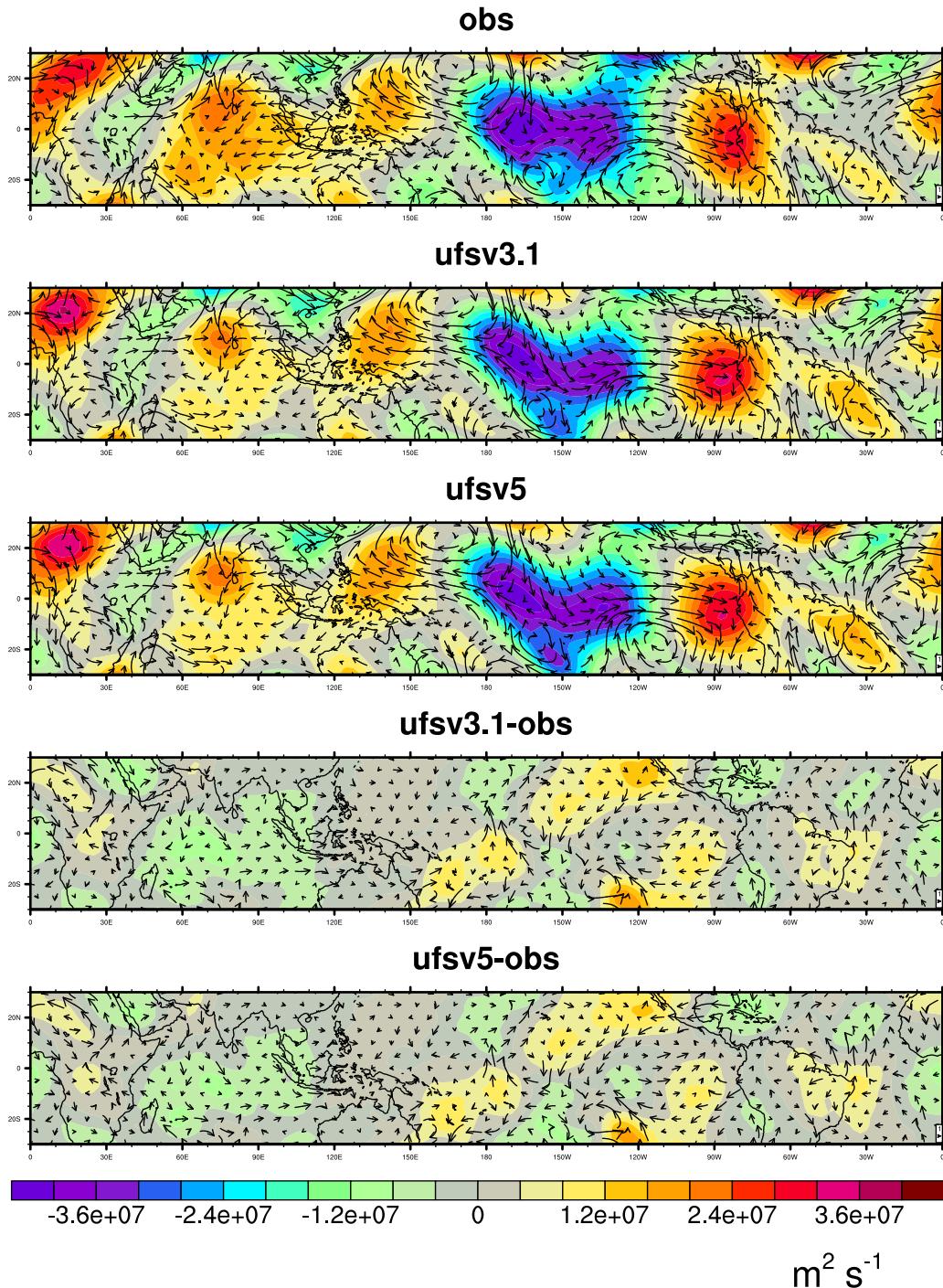
# vp200 (20180201) lead day=4



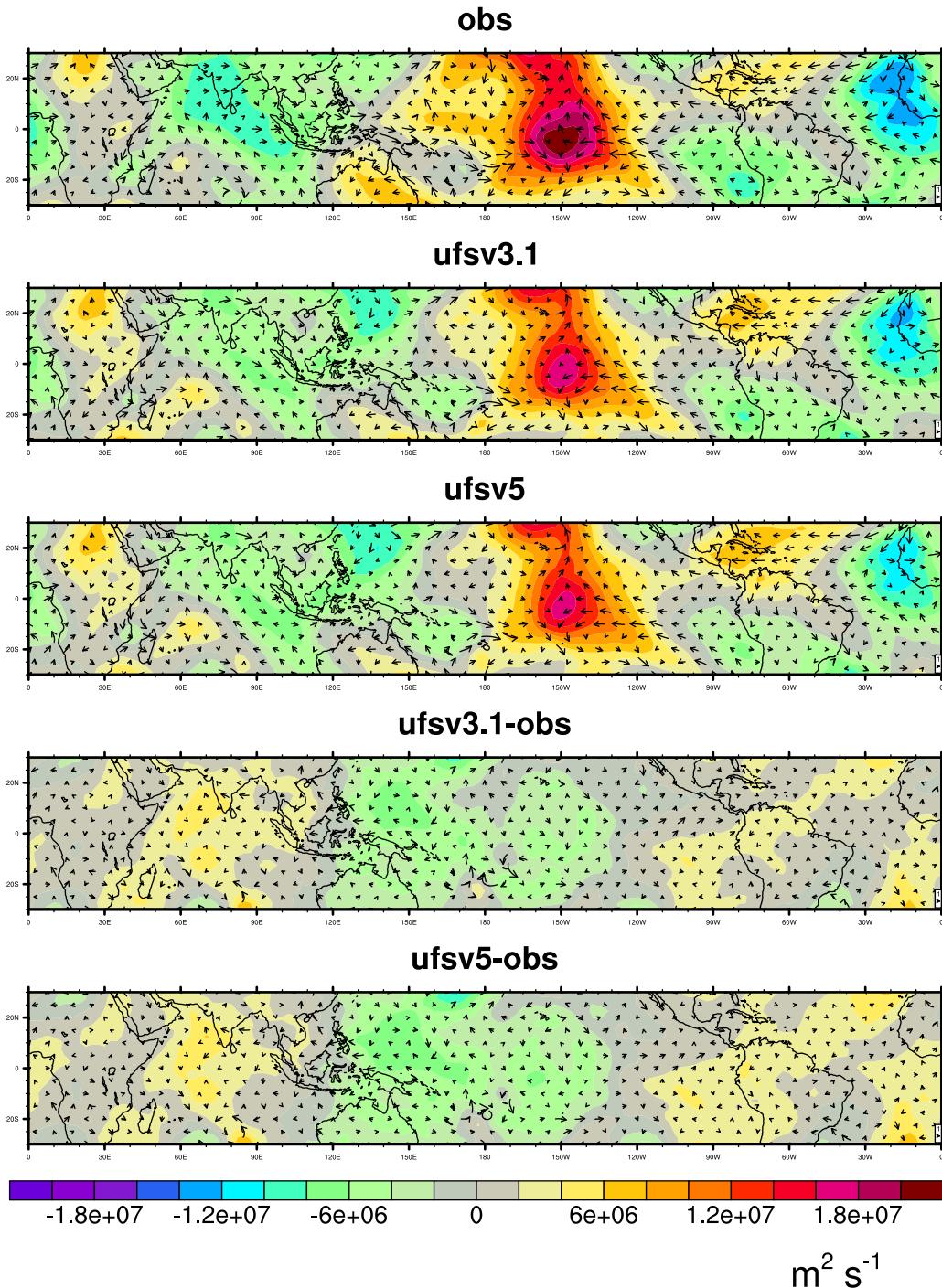
# vp850 (20180201) lead day=5



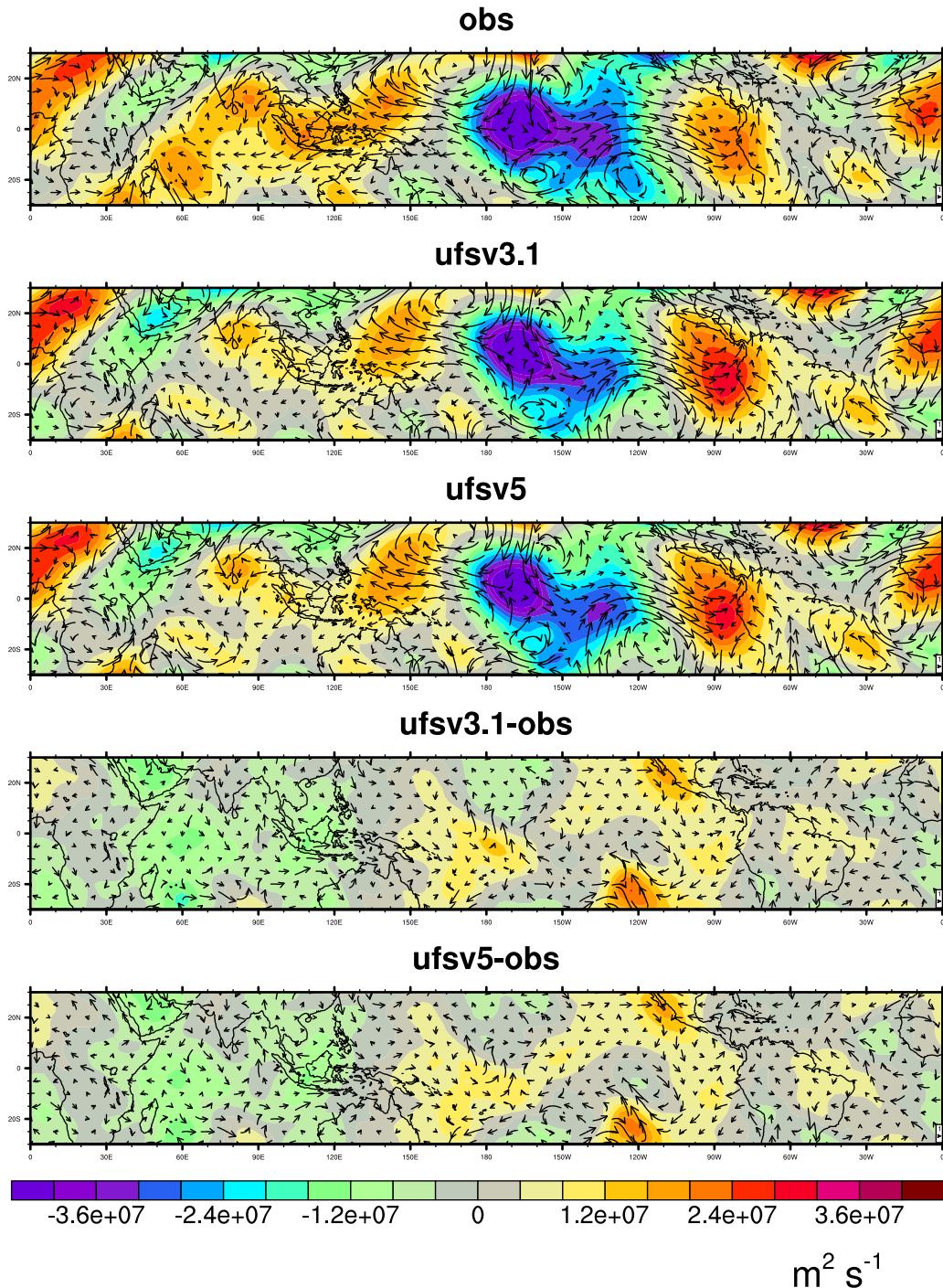
# vp200 (20180201) lead day=5



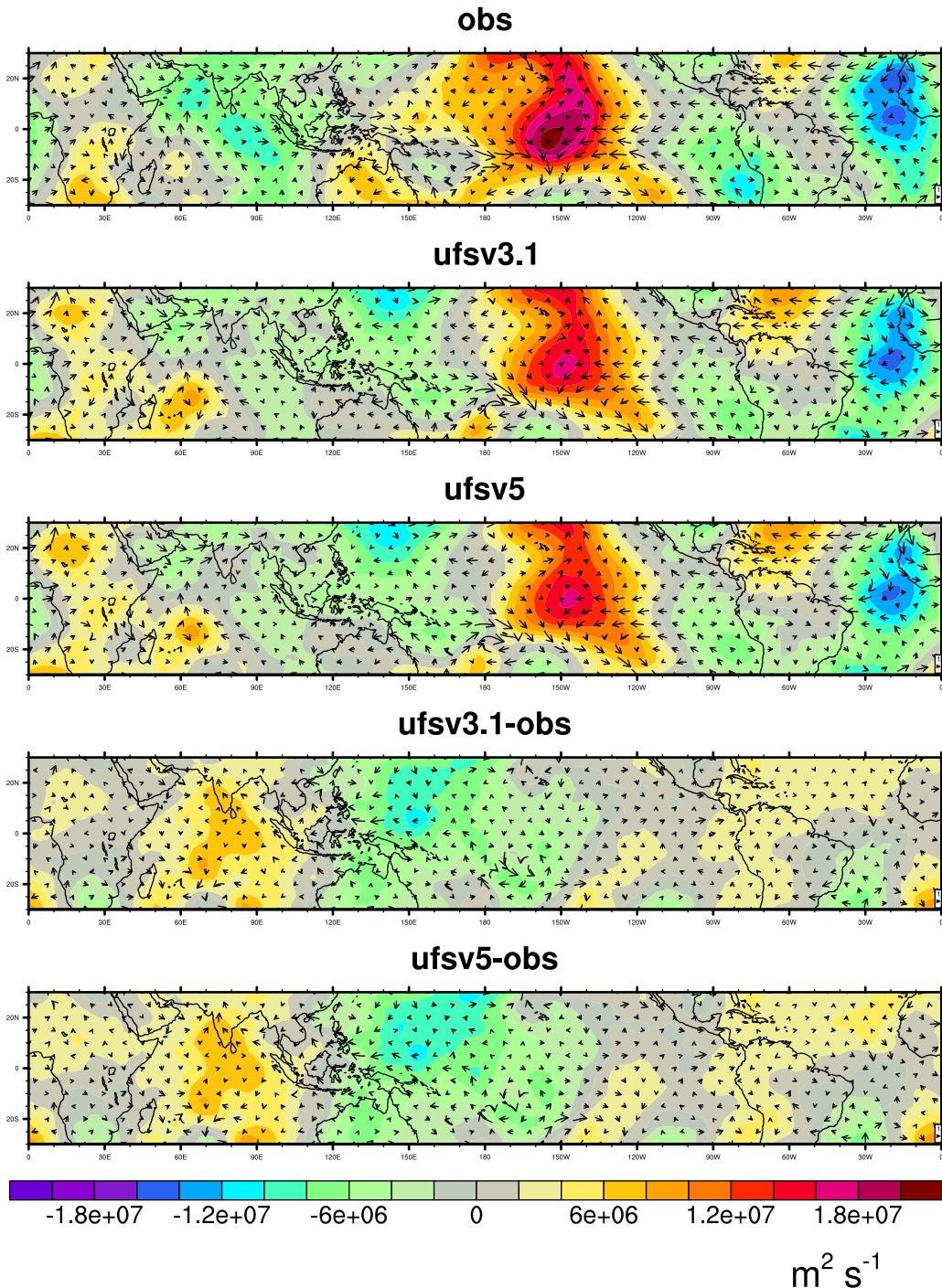
# vp850 (20180201) lead day=6



# vp200 (20180201) lead day=6

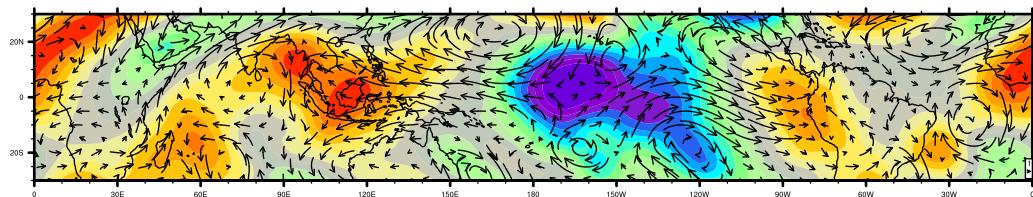


# vp850 (20180201) lead day=7

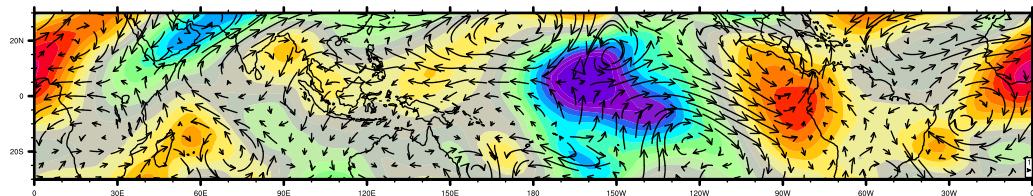


# vp200 (20180201) lead day=7

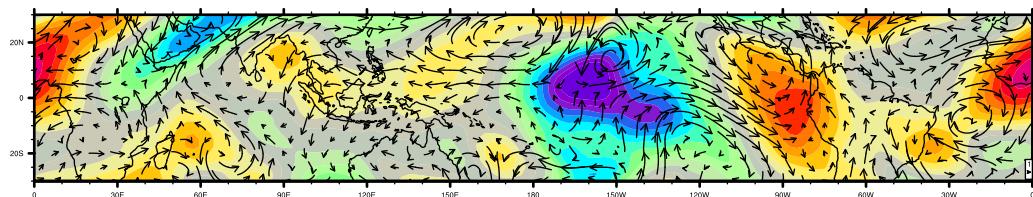
obs



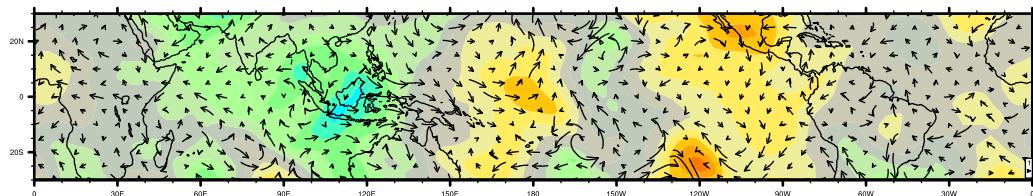
ufsv3.1



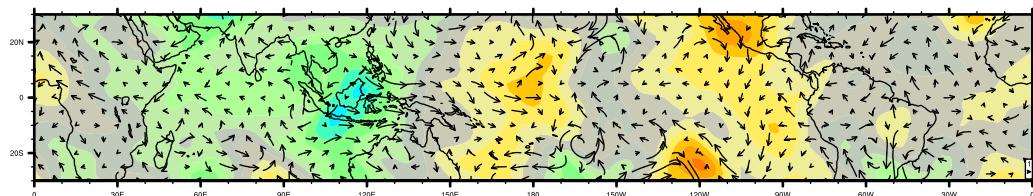
ufsv5



ufsv3.1-obs

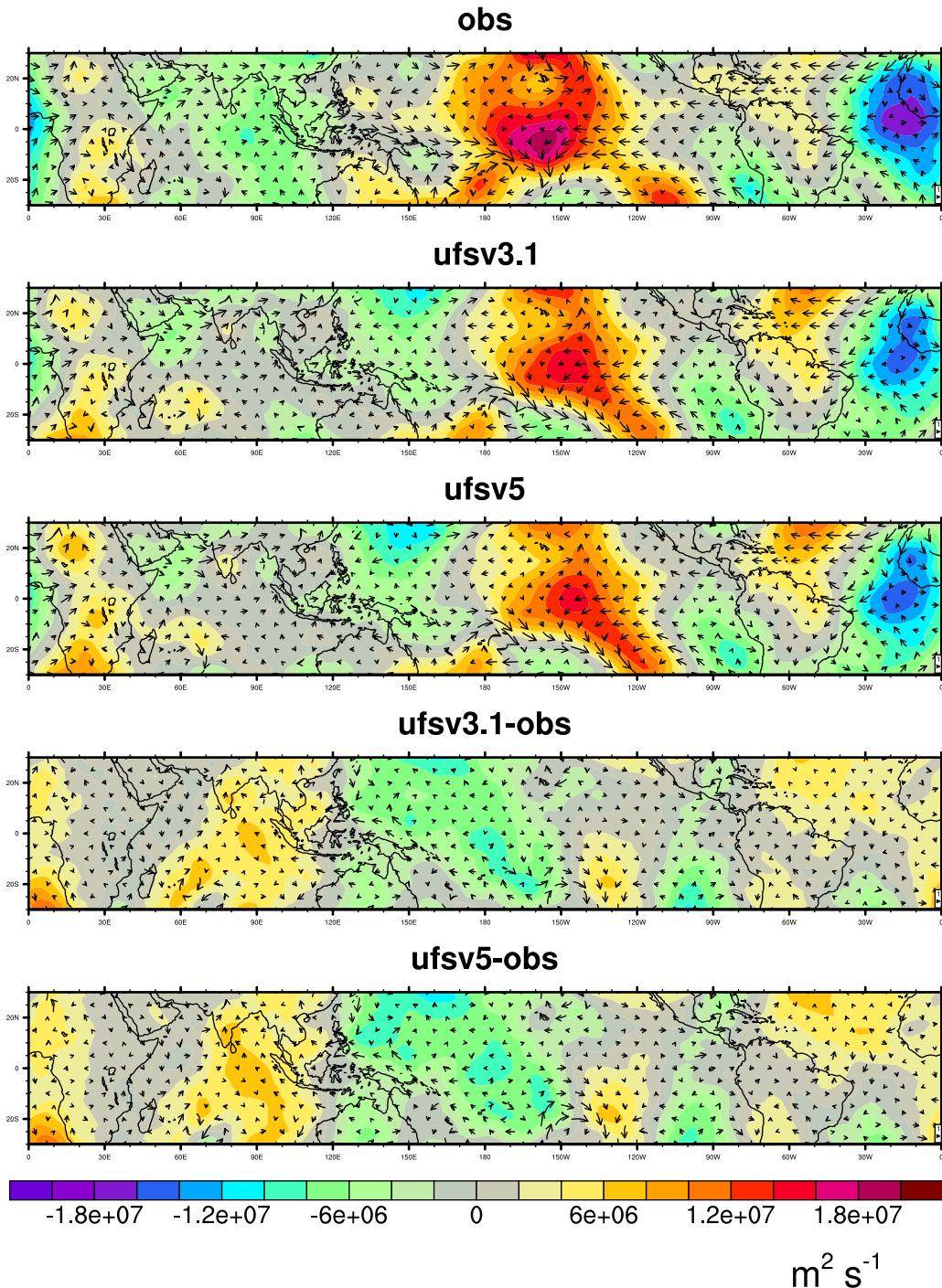


ufsv5-obs

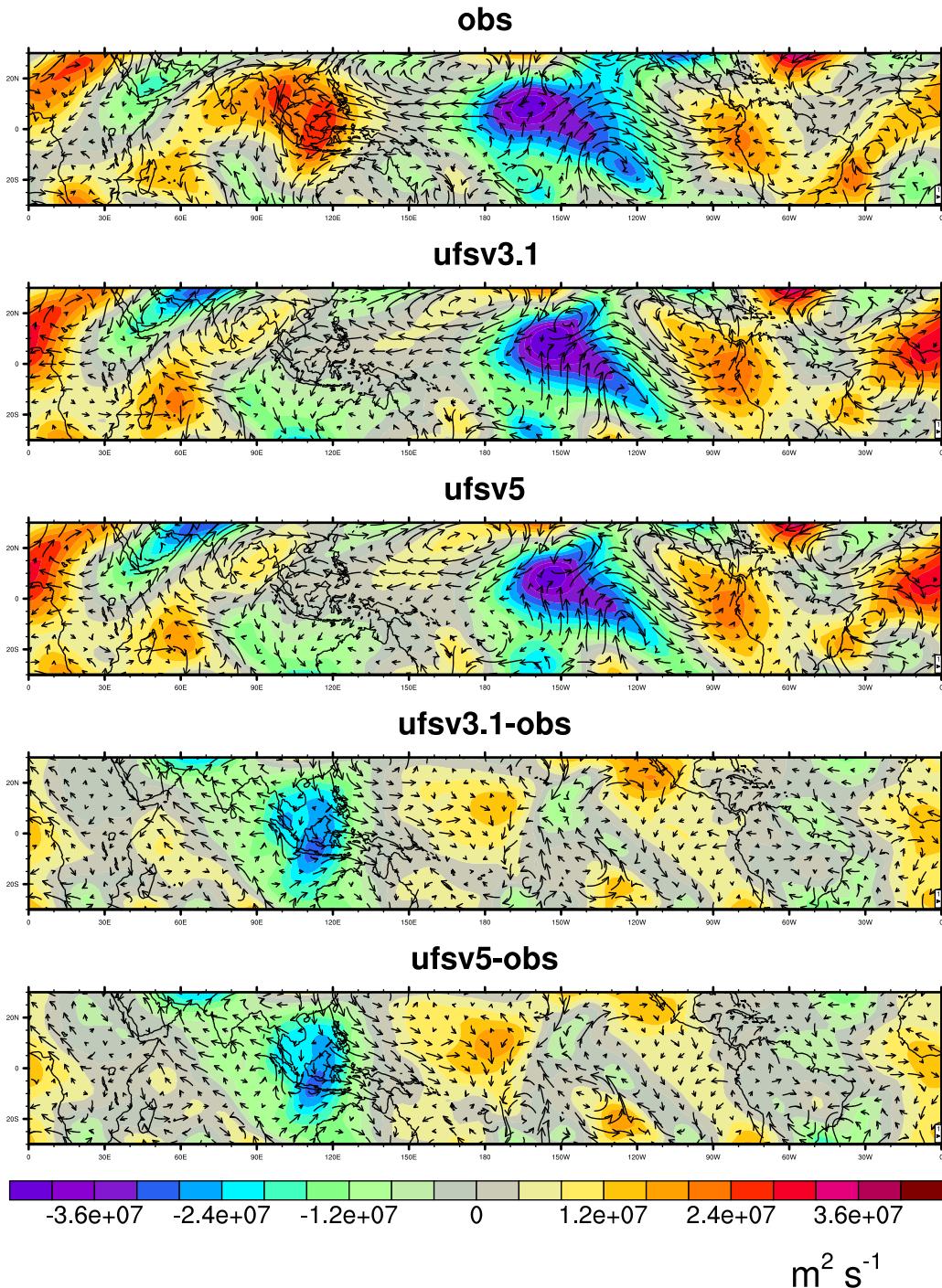


$m^2 s^{-1}$

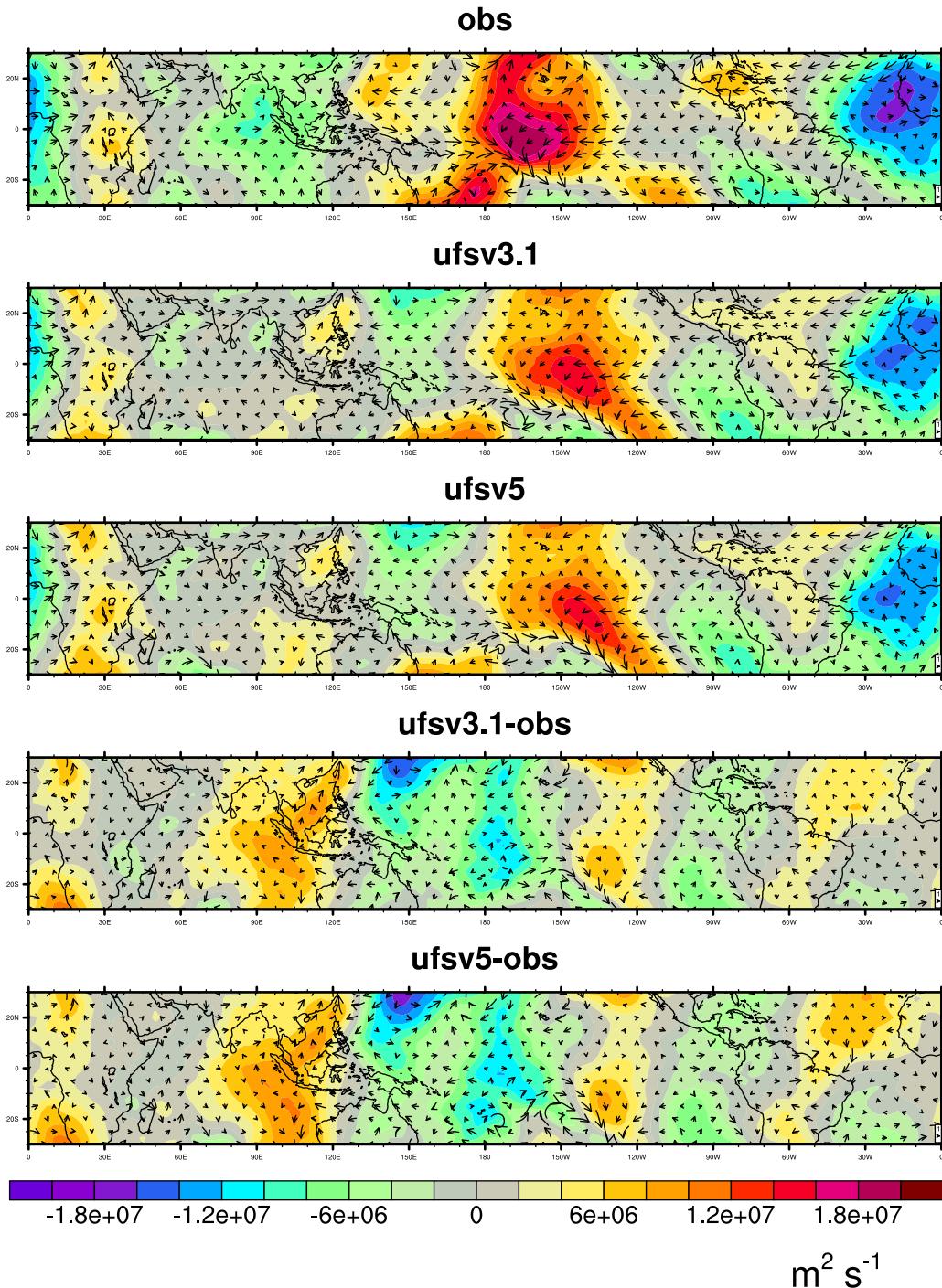
# vp850 (20180201) lead day=8



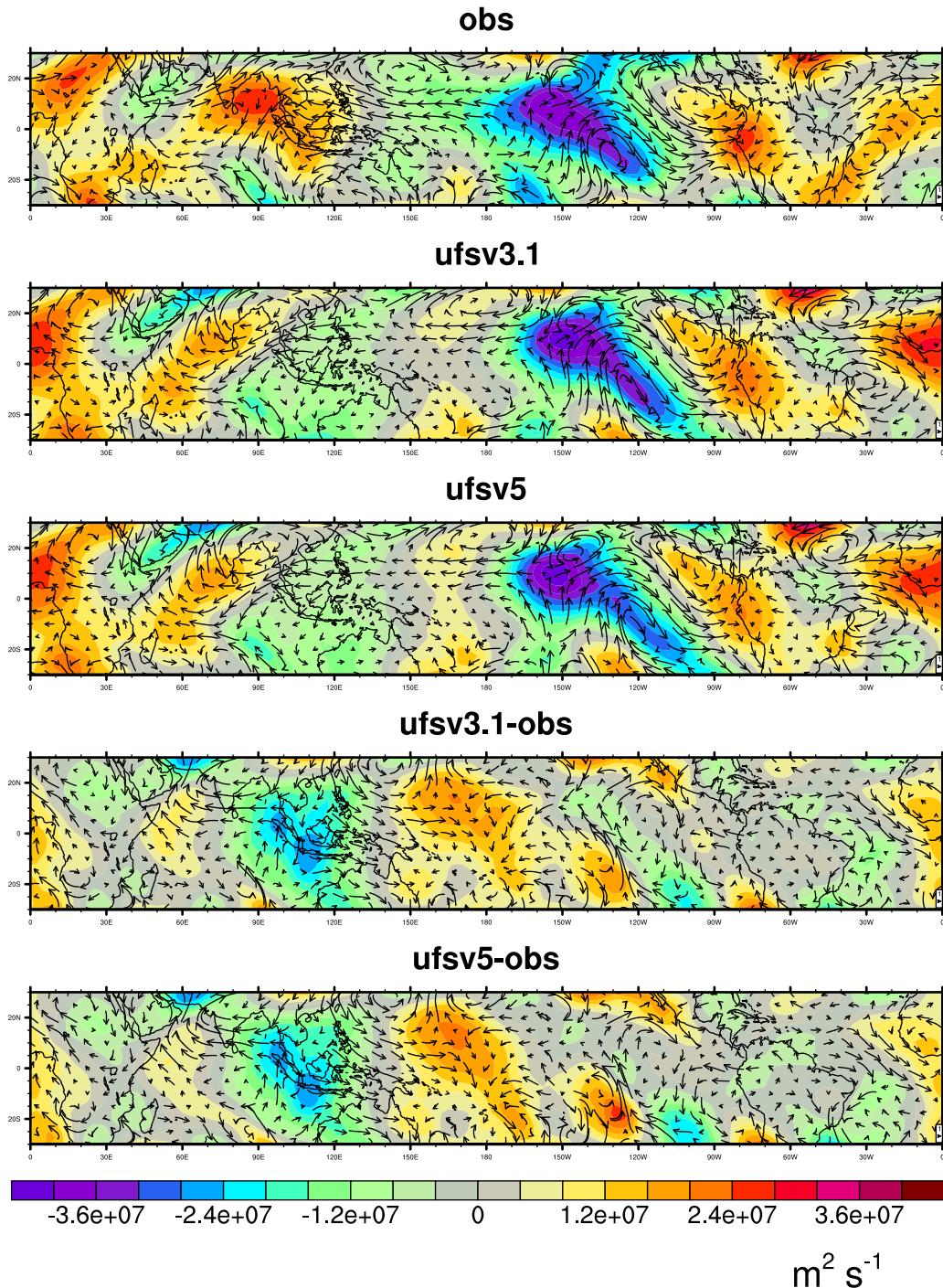
# vp200 (20180201) lead day=8



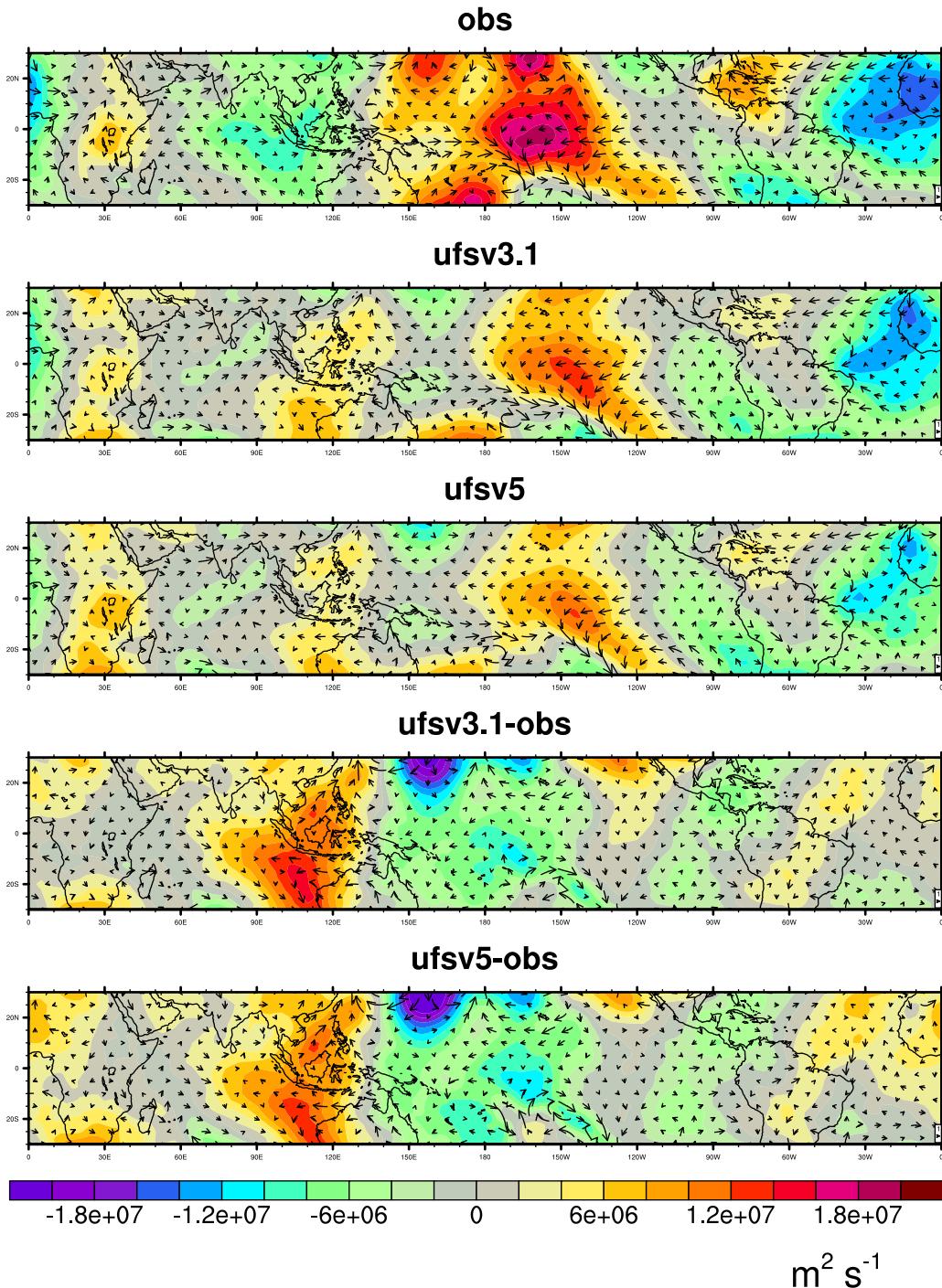
# vp850 (20180201) lead day=9



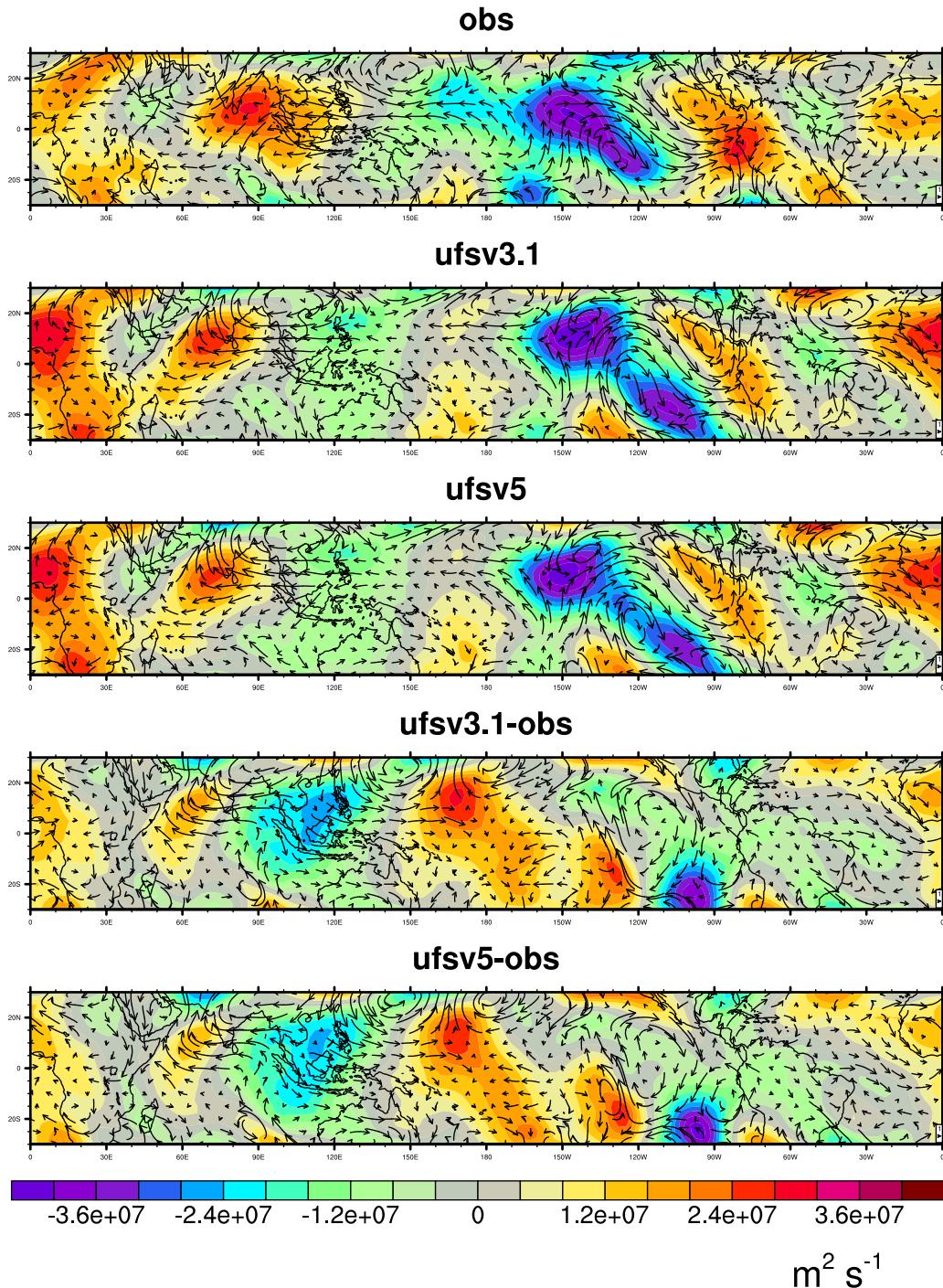
# vp200 (20180201) lead day=9



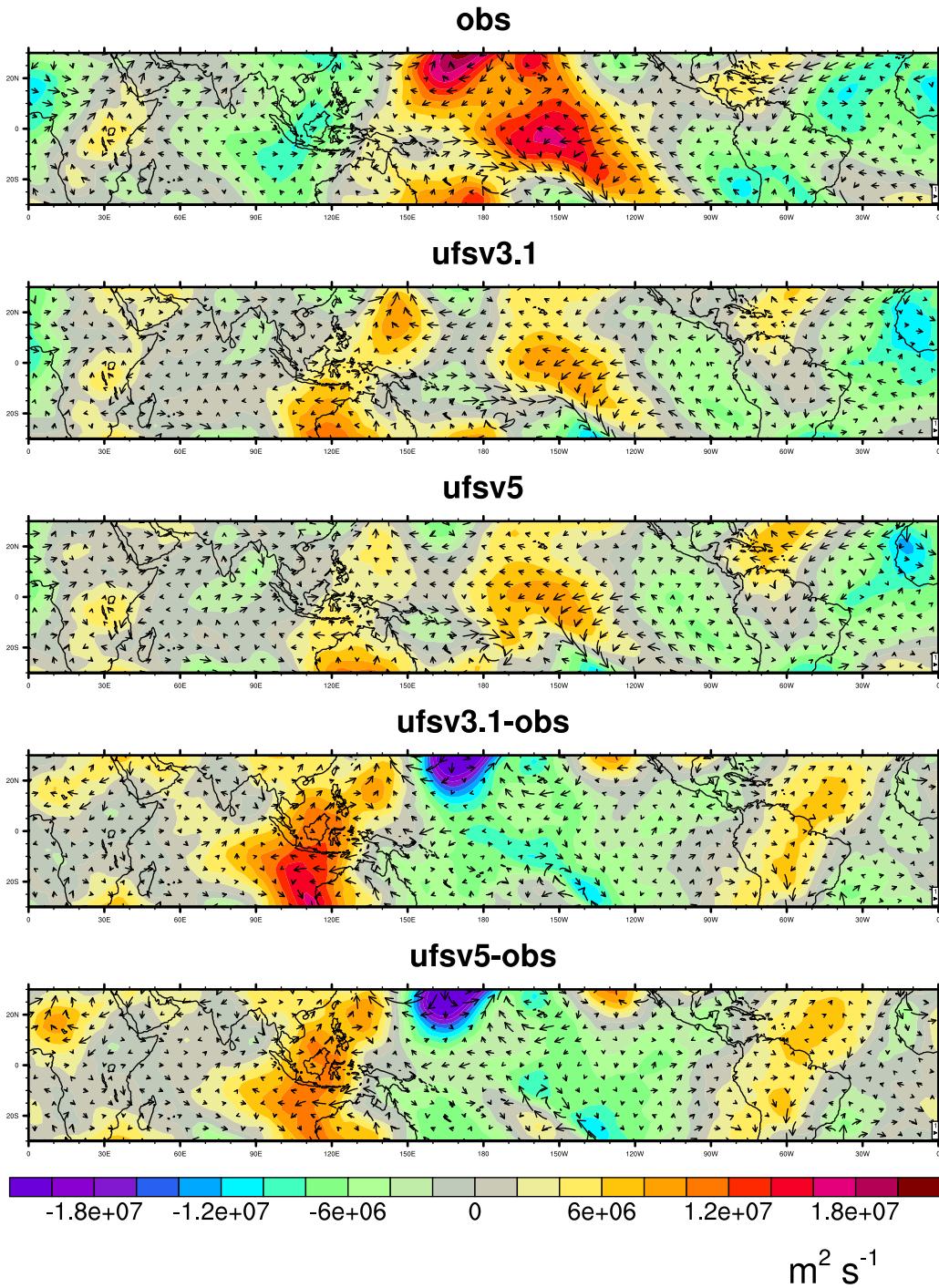
# vp850 (20180201) lead day=10



# vp200 (20180201) lead day=10

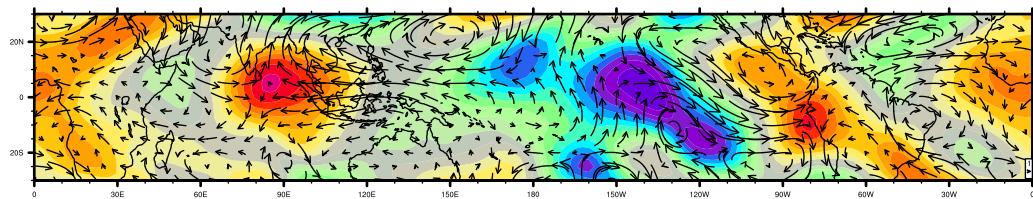


# vp850 (20180201) lead day=11

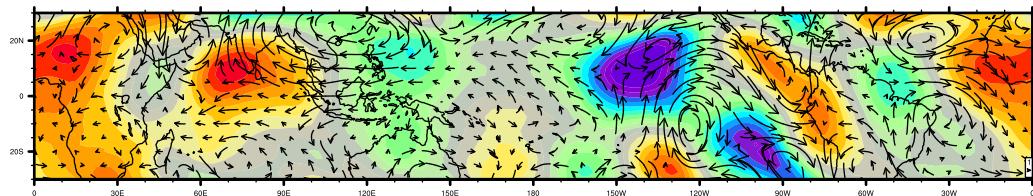


# vp200 (20180201) lead day=11

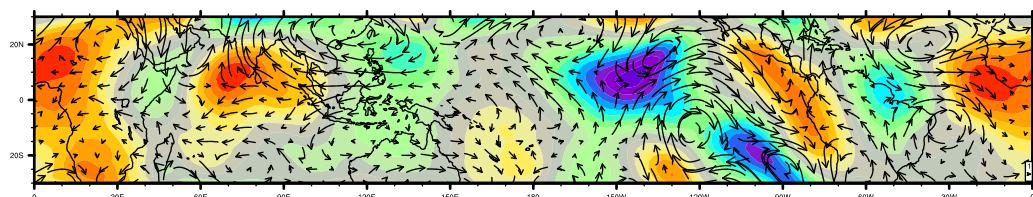
obs



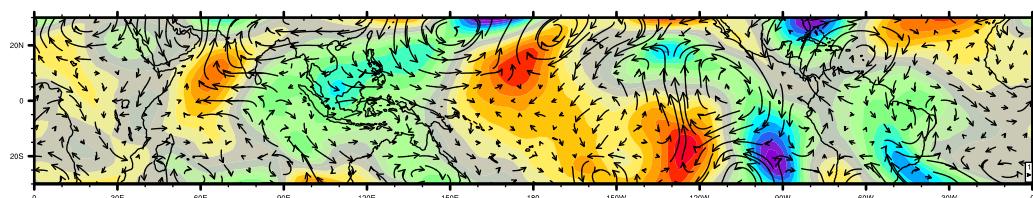
ufs v3.1



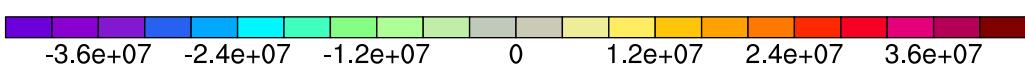
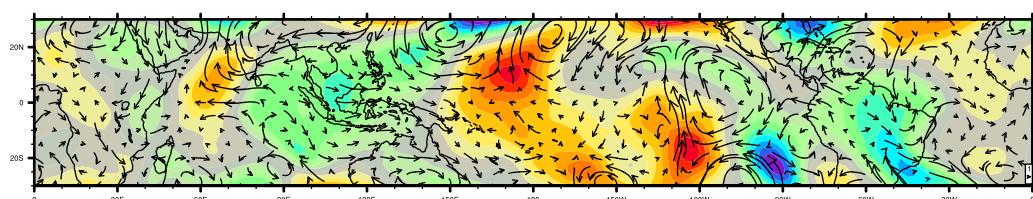
ufs v5



ufs v3.1-obs

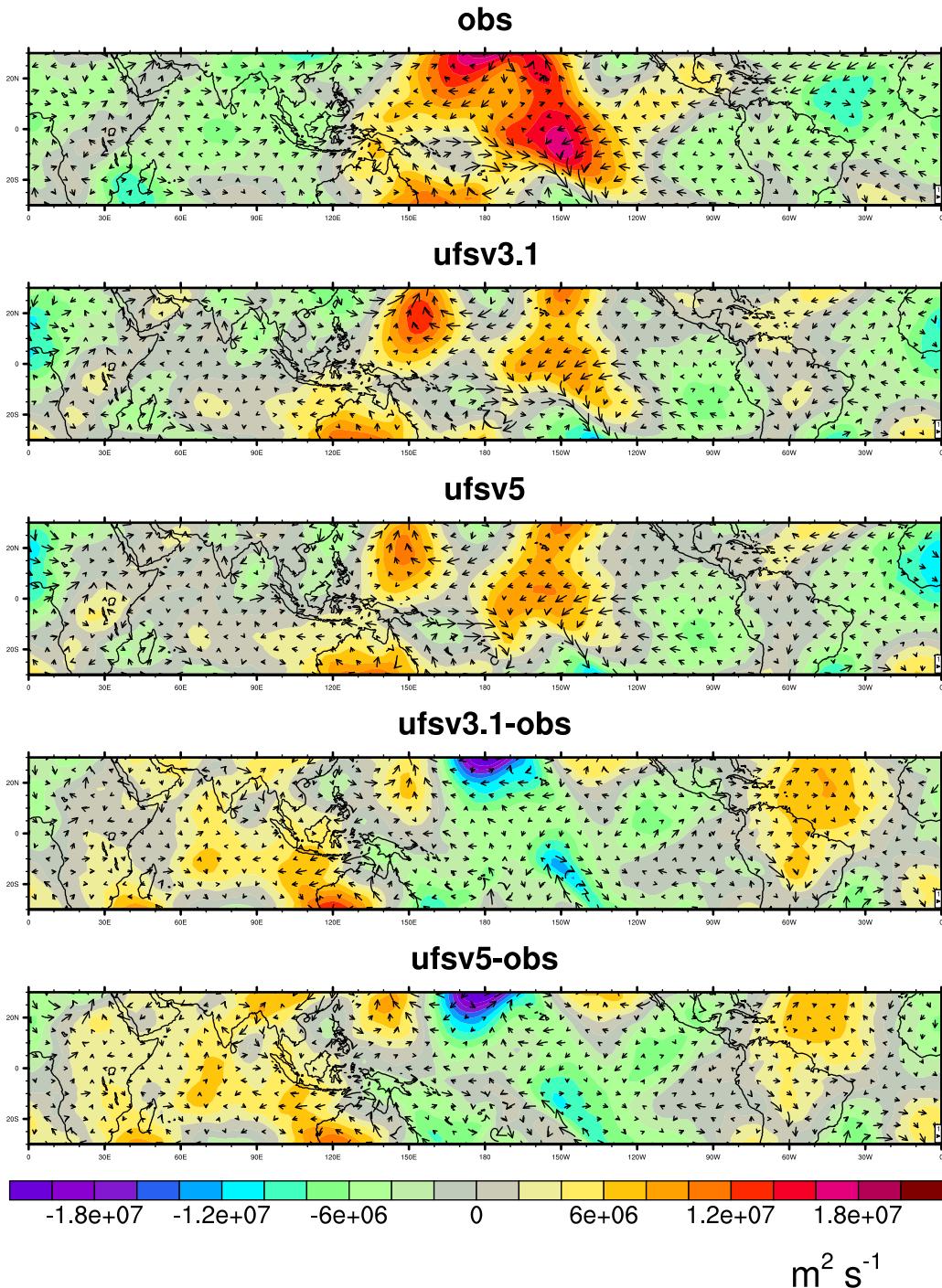


ufs v5-obs

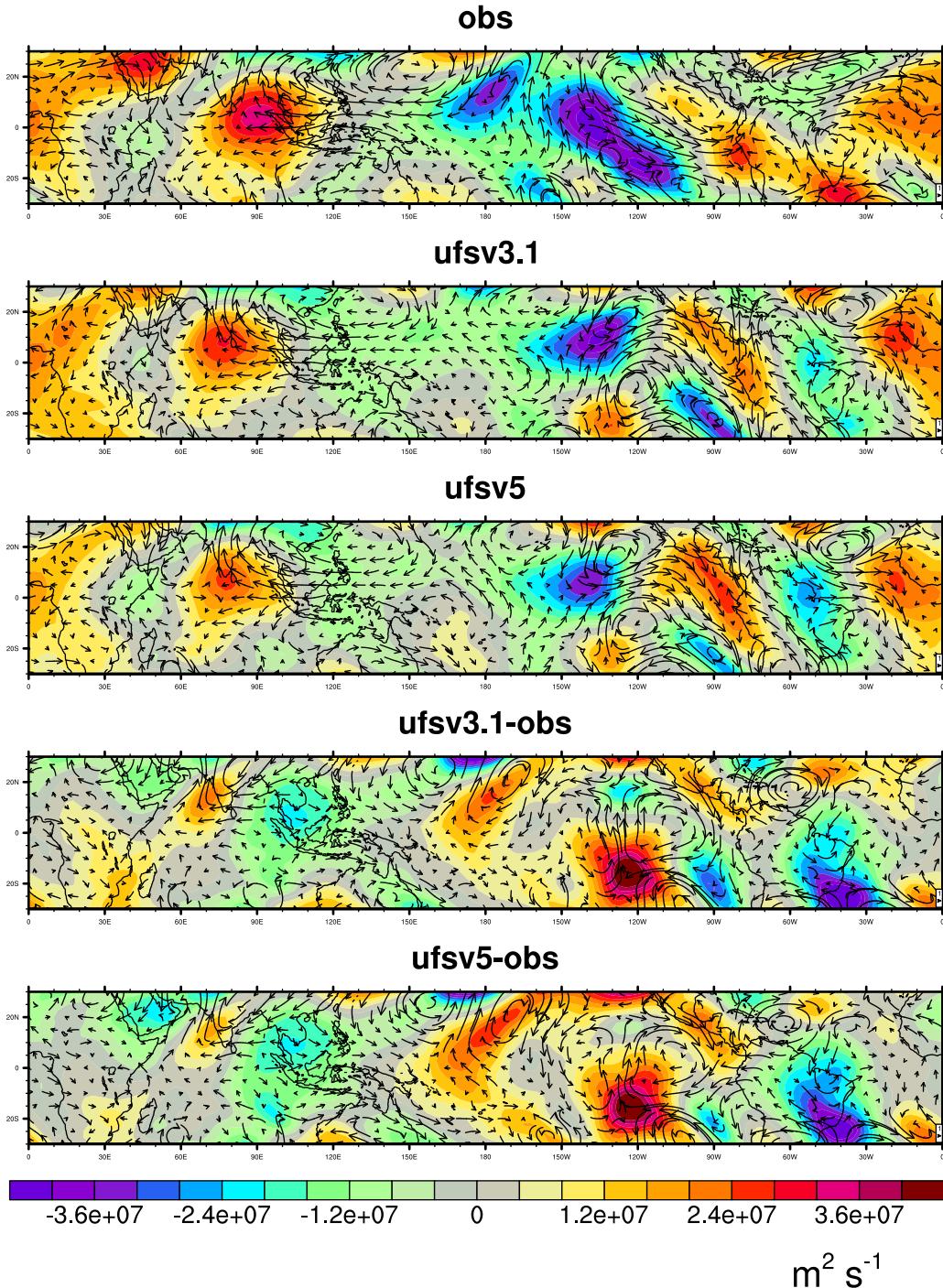


$m^2 s^{-1}$

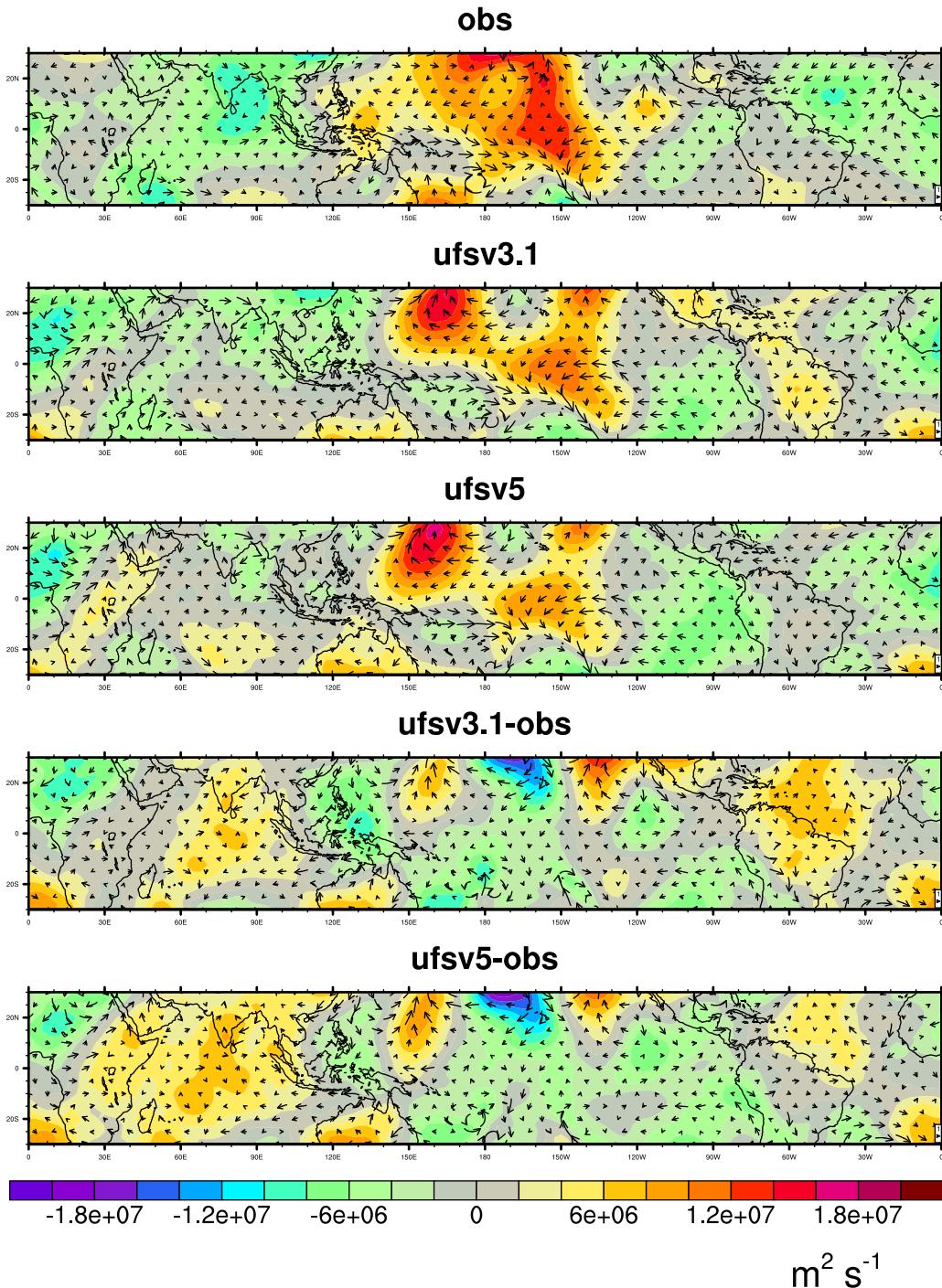
# vp850 (20180201) lead day=12



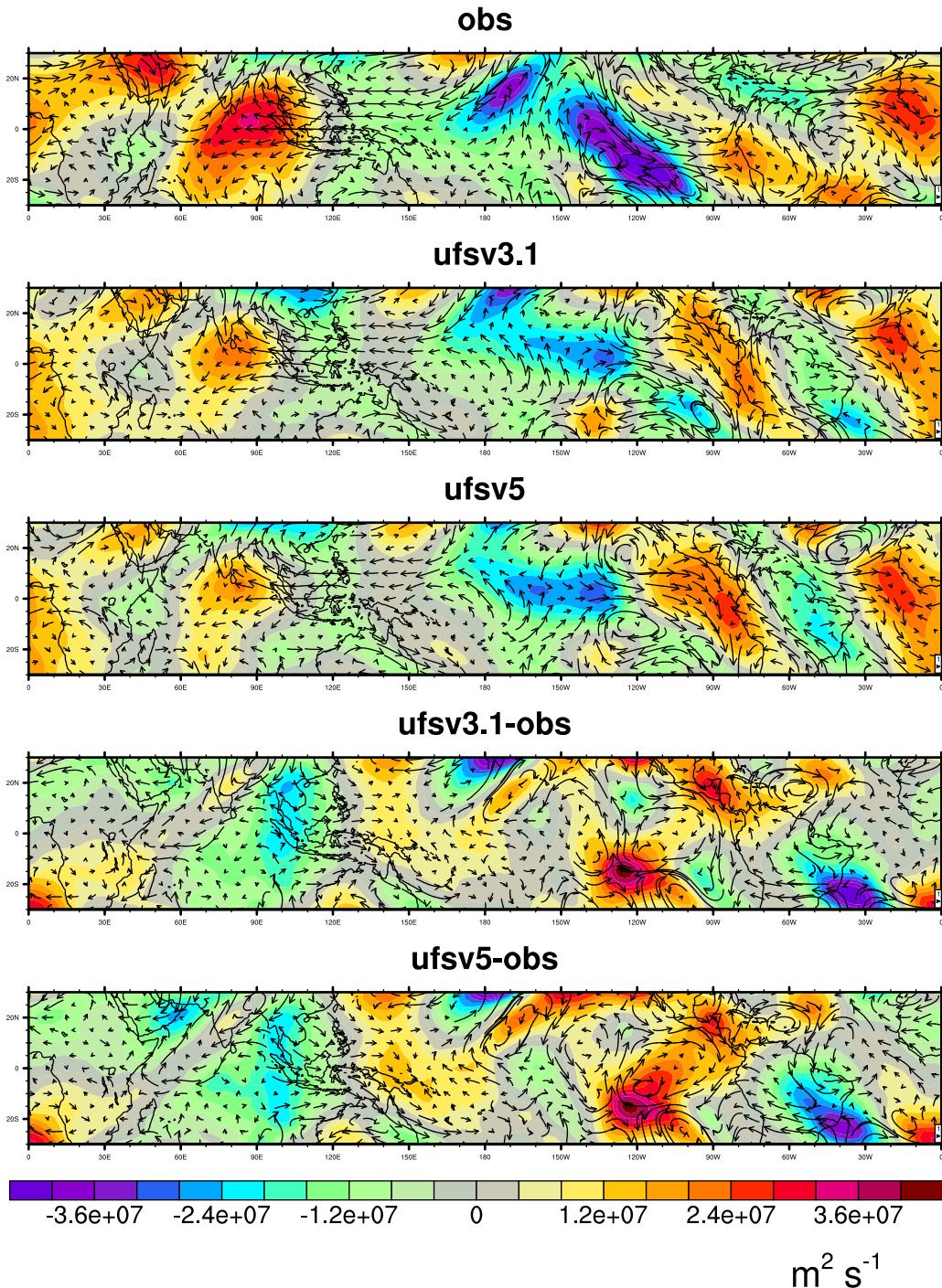
# vp200 (20180201) lead day=12



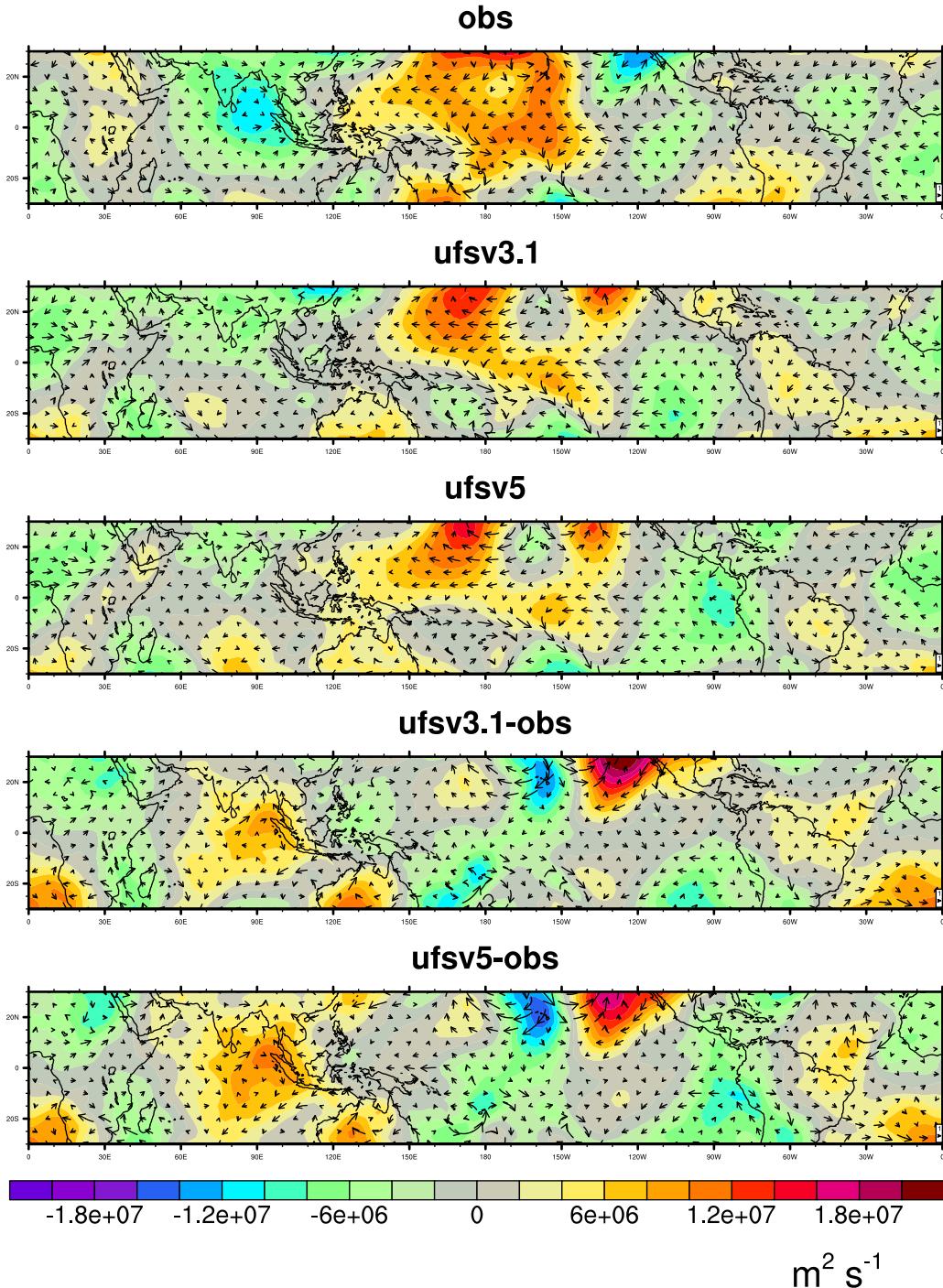
# vp850 (20180201) lead day=13



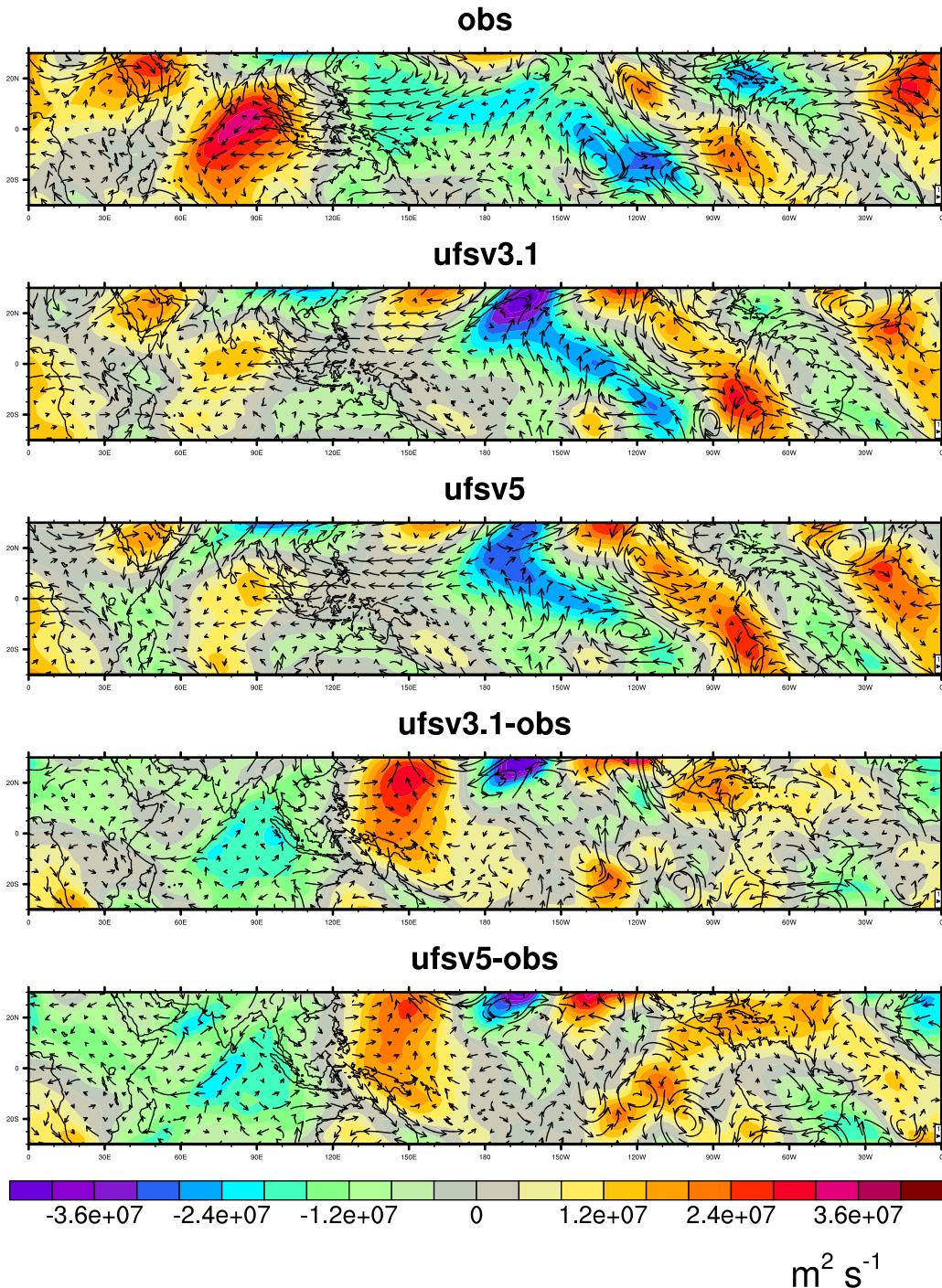
# vp200 (20180201) lead day=13



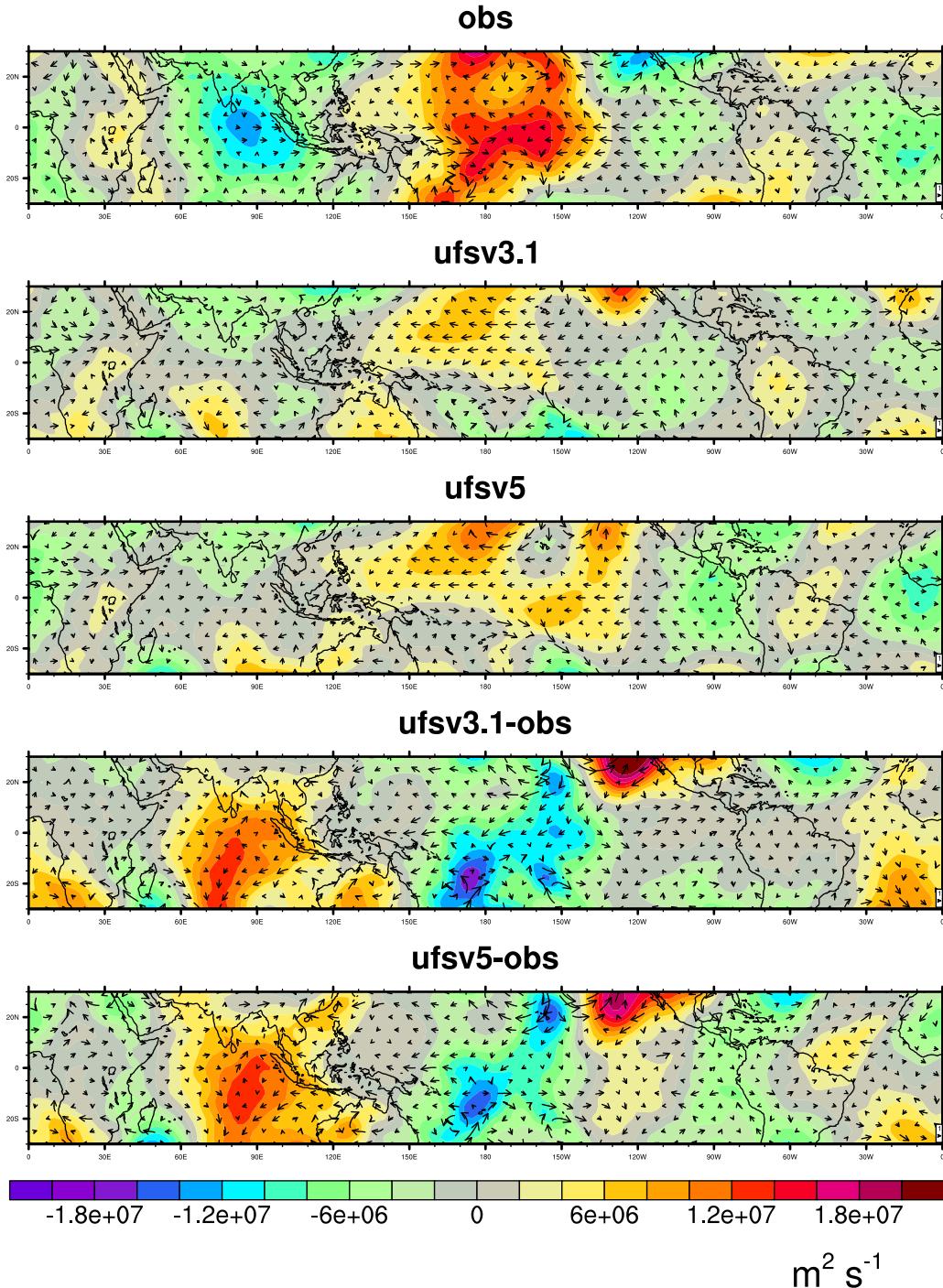
# vp850 (20180201) lead day=14



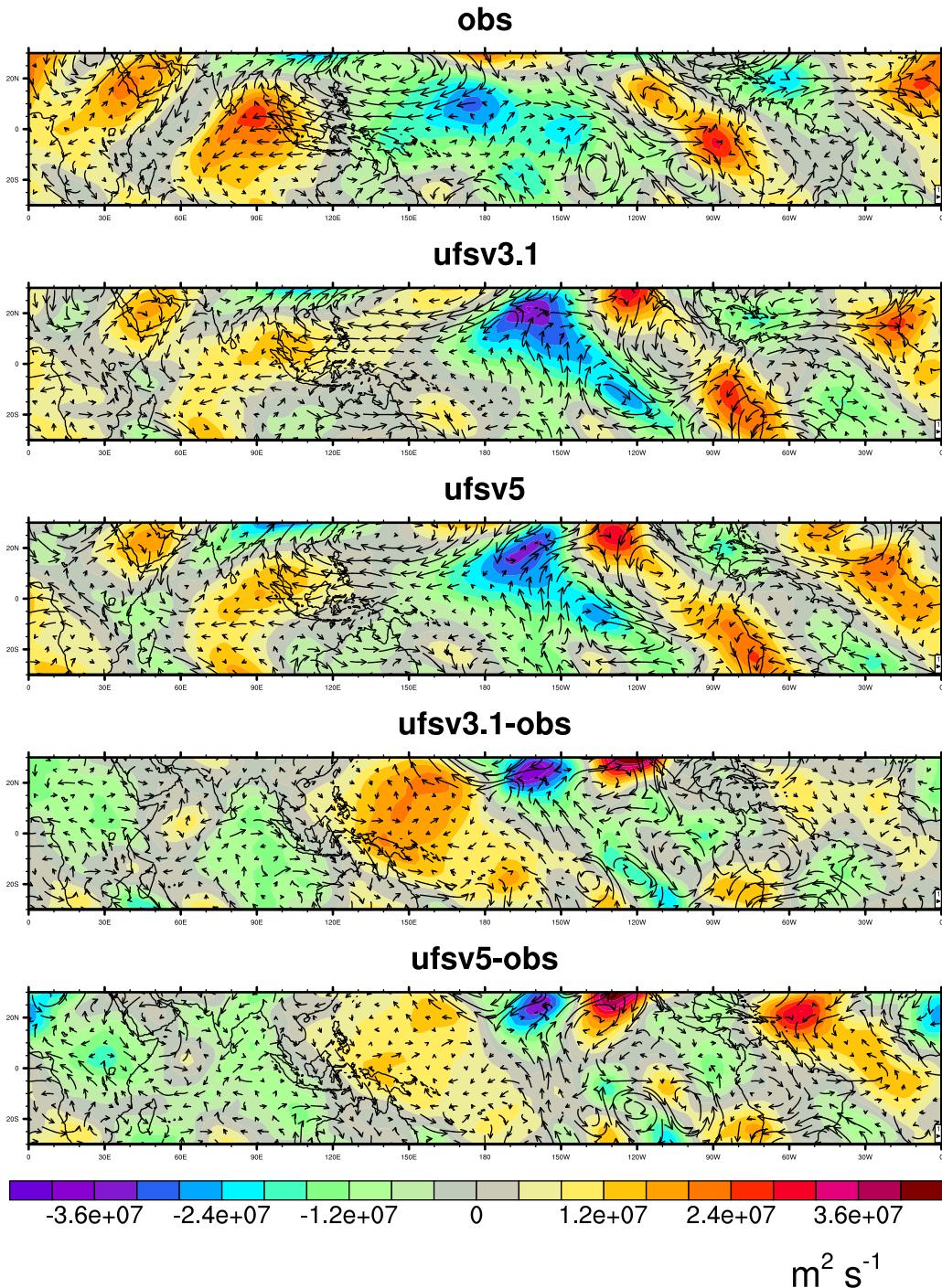
# vp200 (20180201) lead day=14



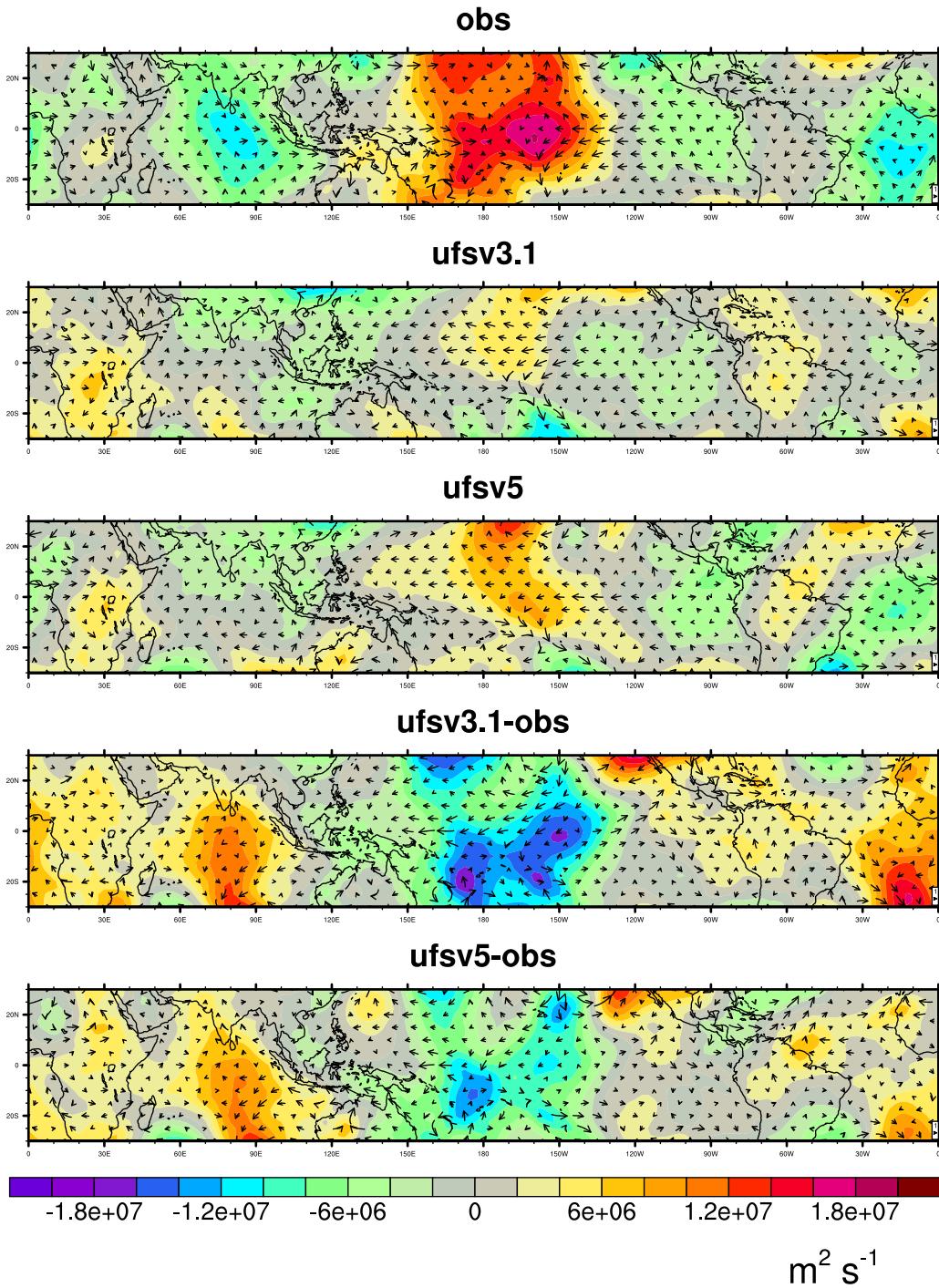
# vp850 (20180201) lead day=15



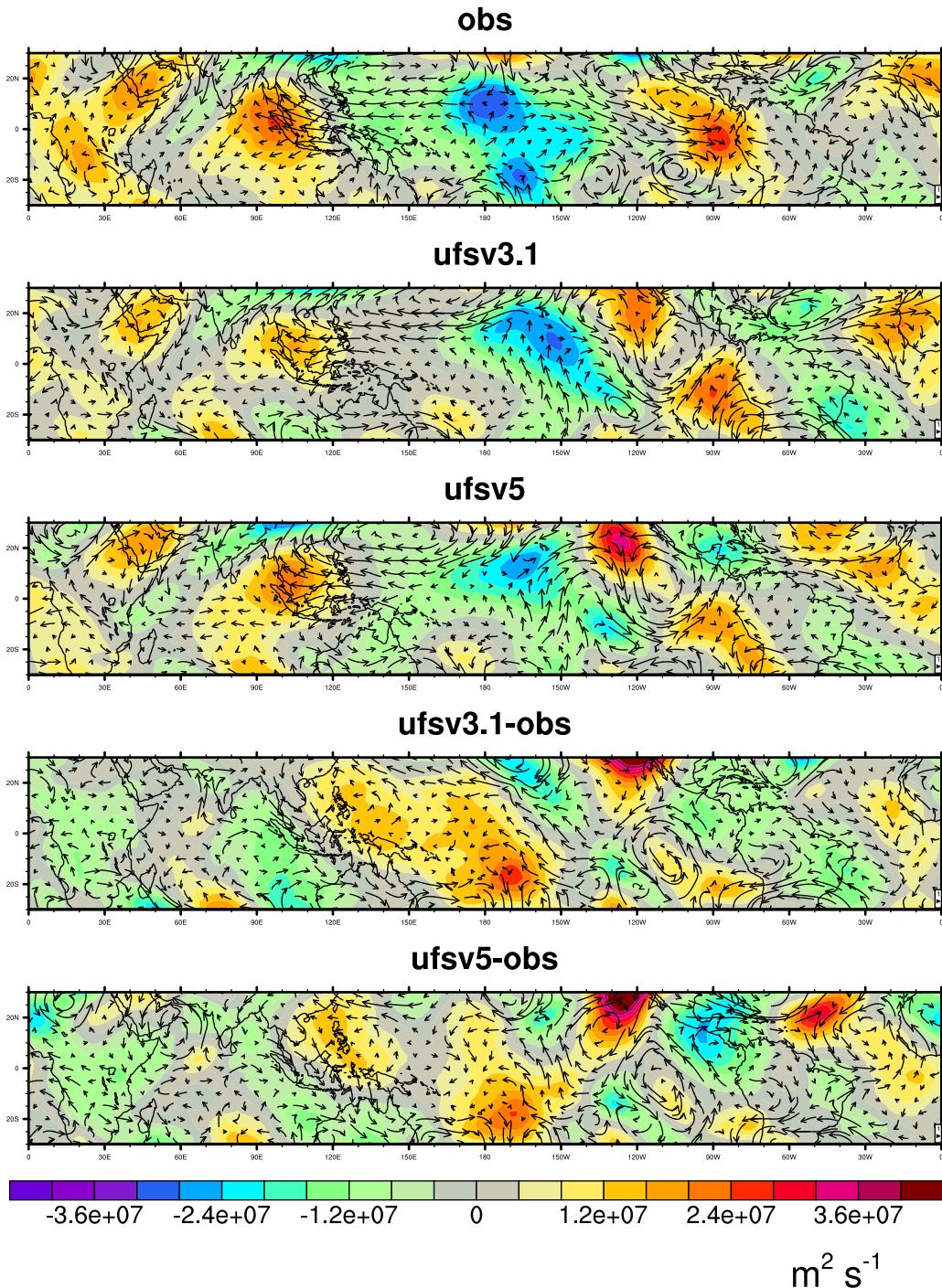
# vp200 (20180201) lead day=15



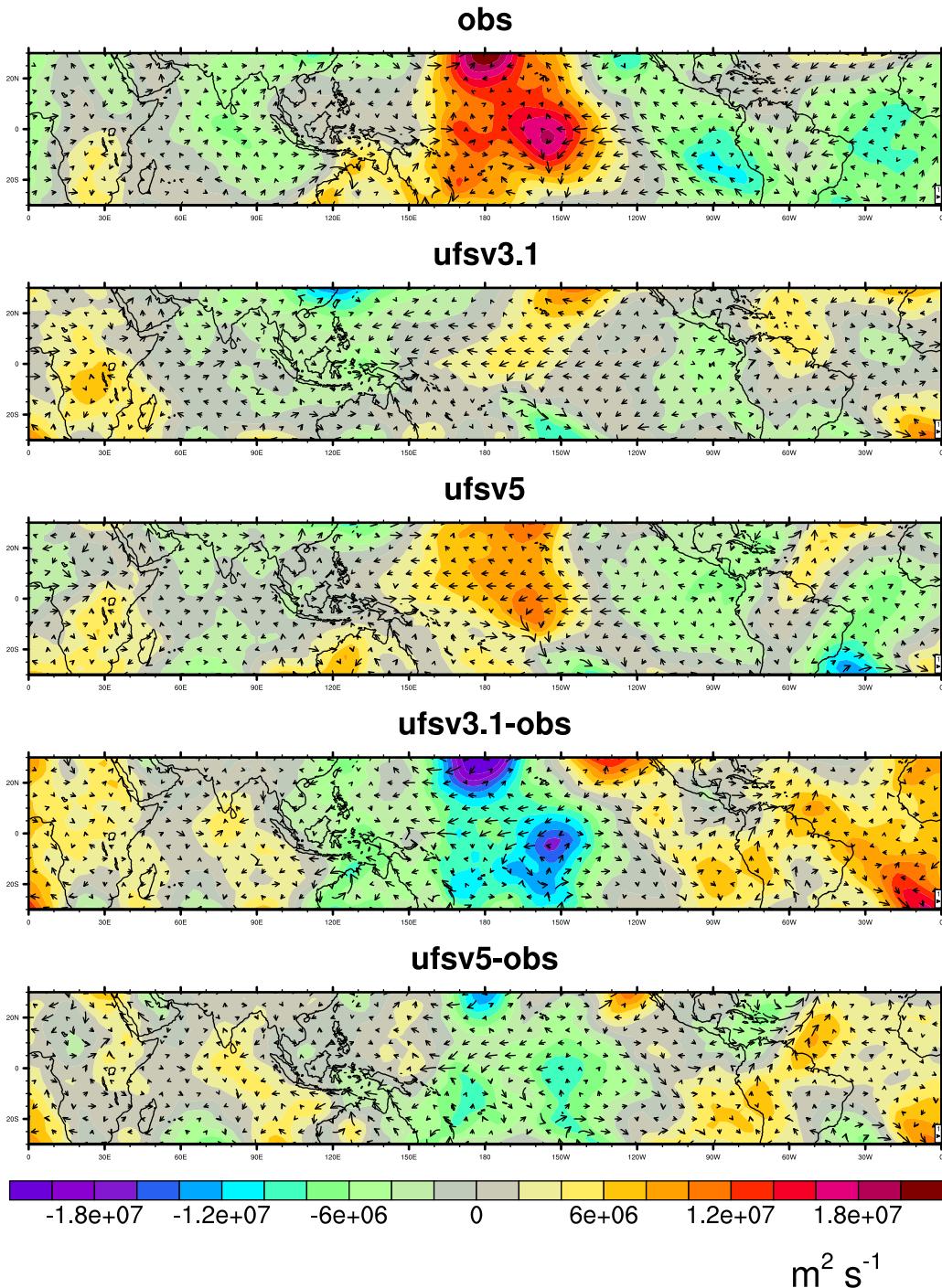
# vp850 (20180201) lead day=16



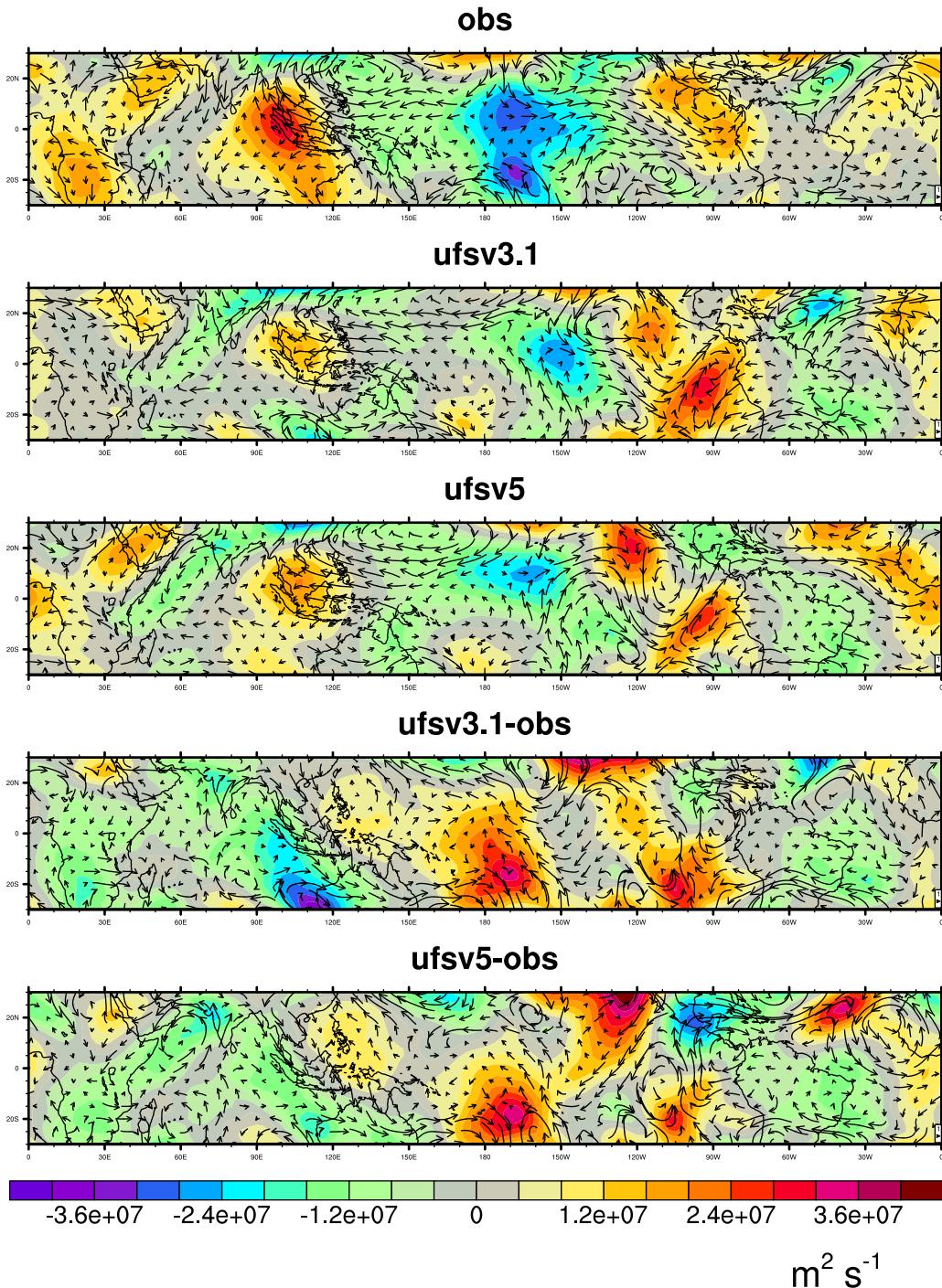
# vp200 (20180201) lead day=16



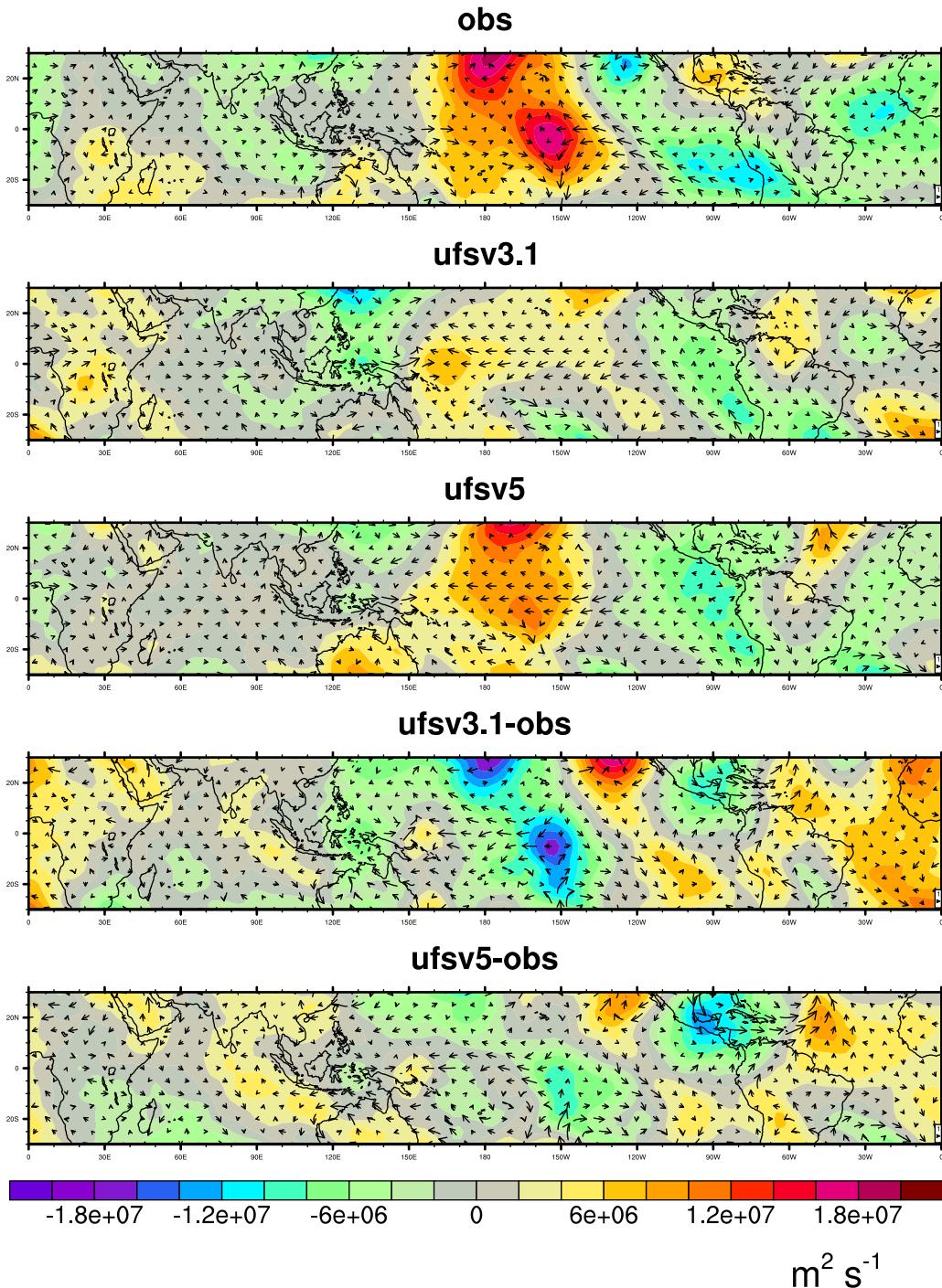
# vp850 (20180201) lead day=17



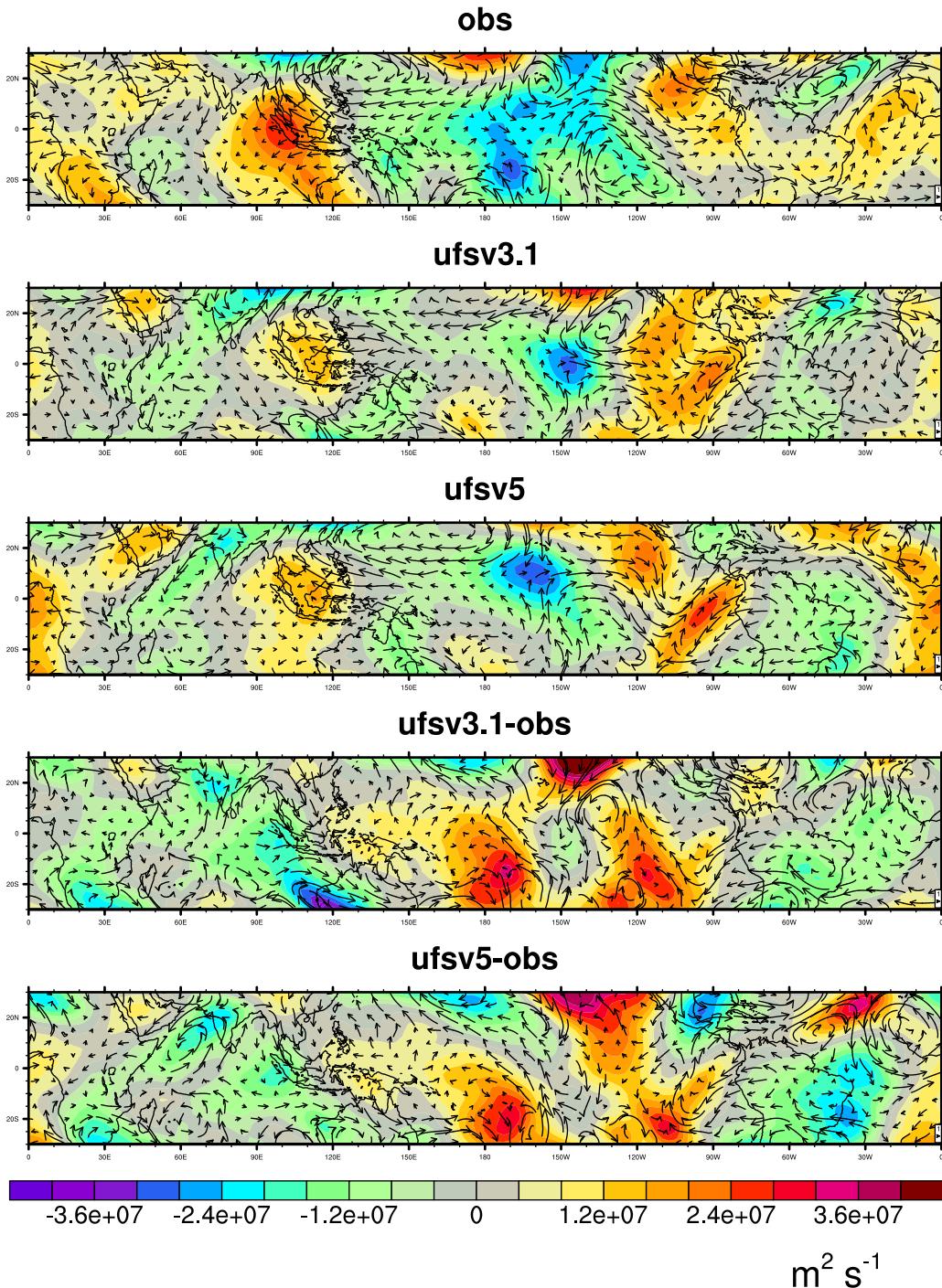
# vp200 (20180201) lead day=17



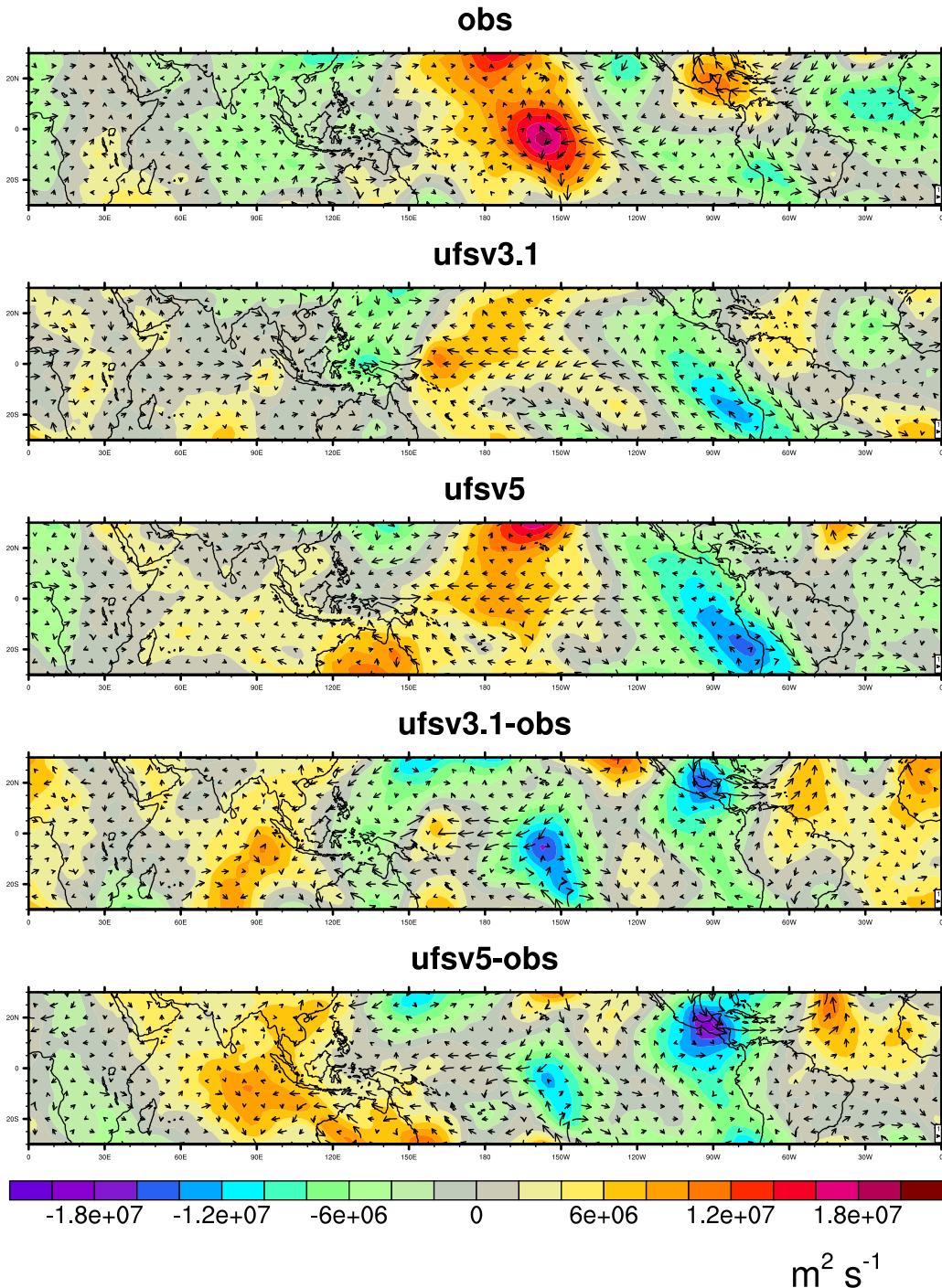
# vp850 (20180201) lead day=18



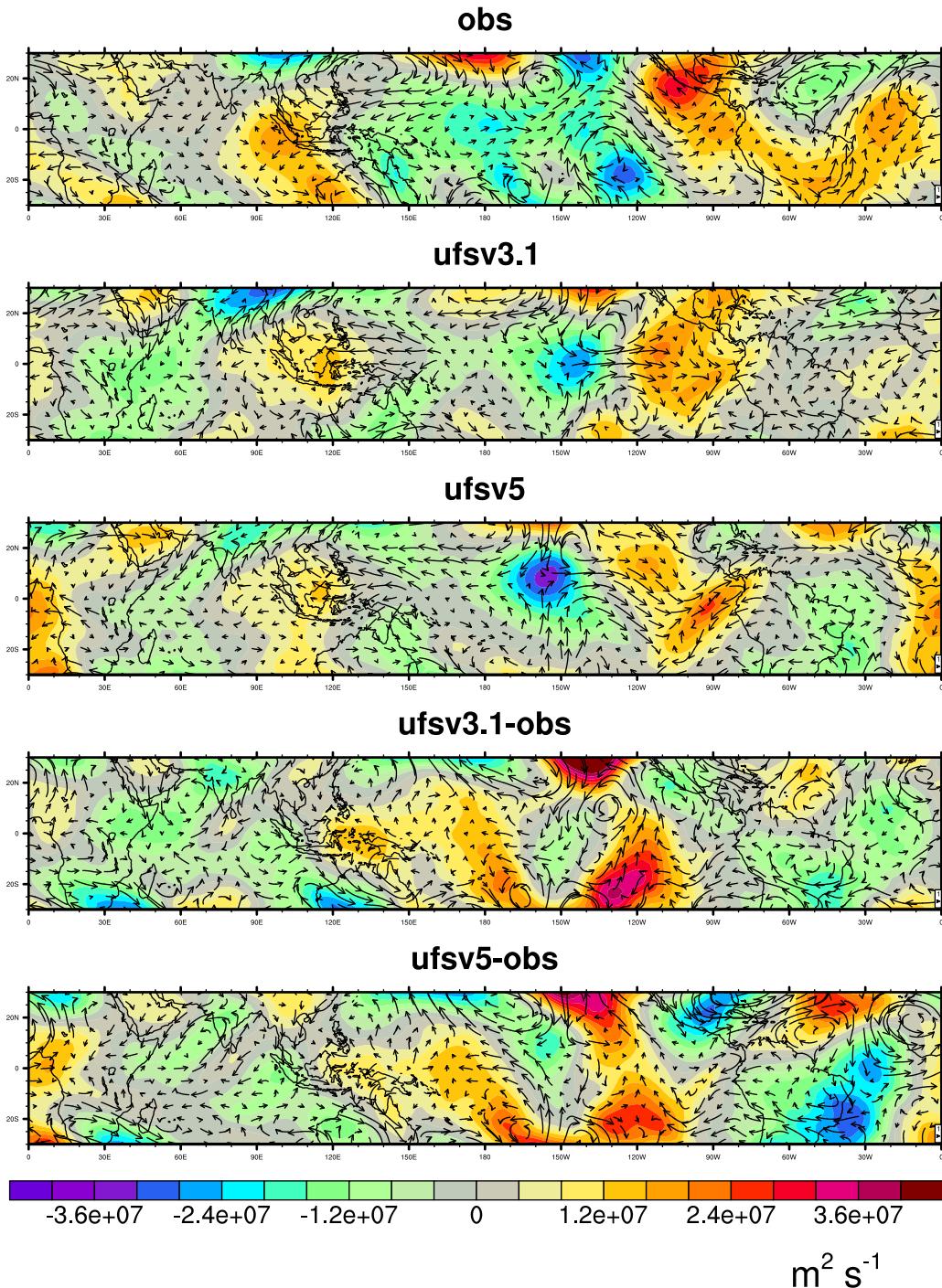
# vp200 (20180201) lead day=18



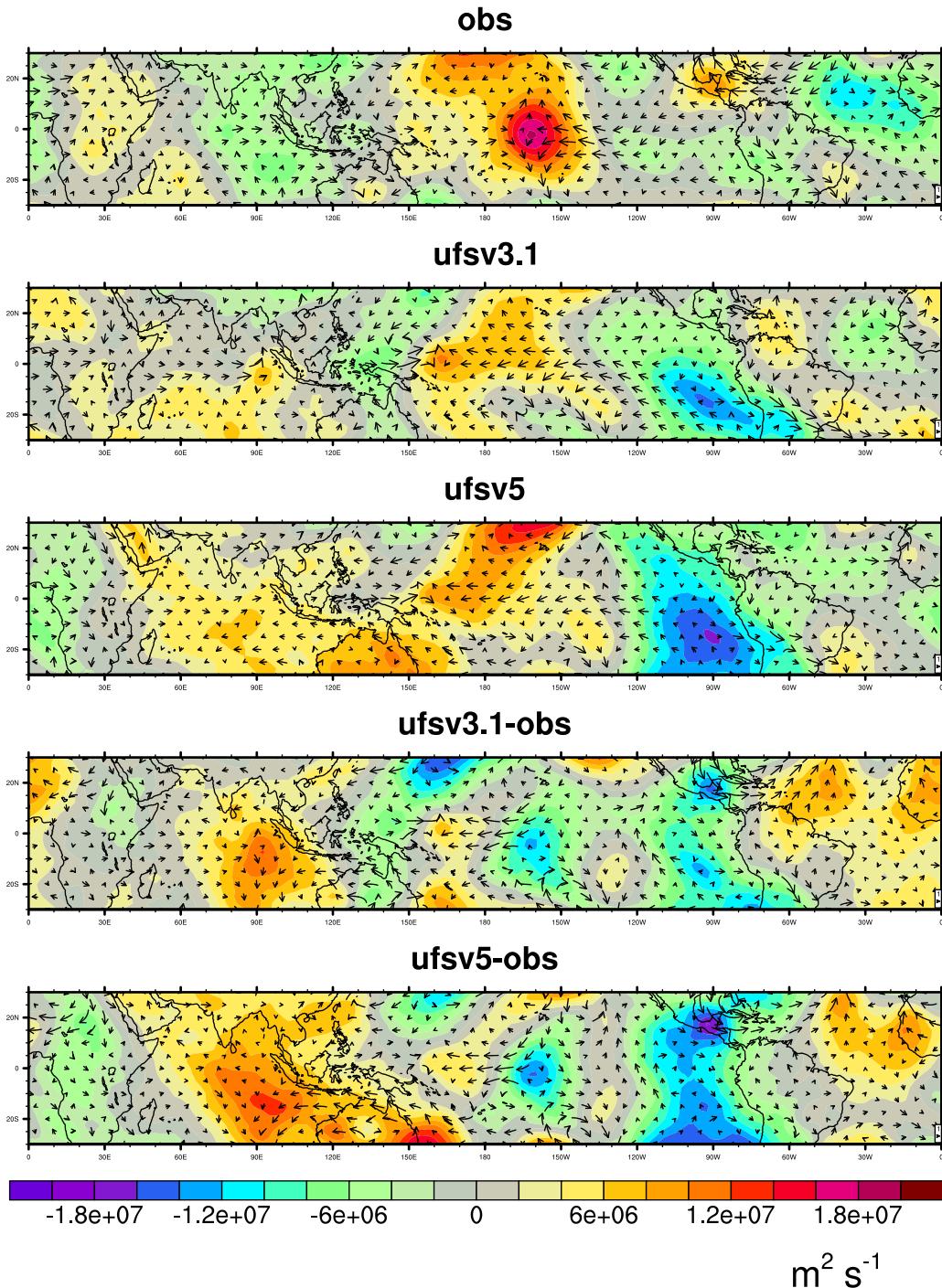
# vp850 (20180201) lead day=19



# vp200 (20180201) lead day=19

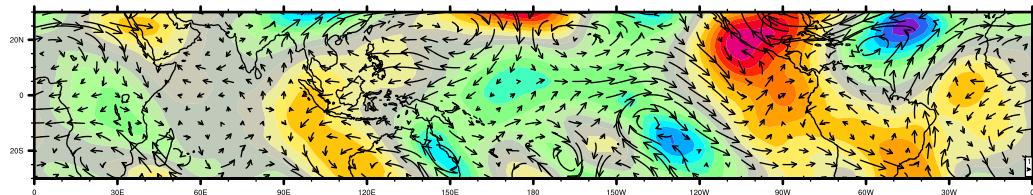


# vp850 (20180201) lead day=20

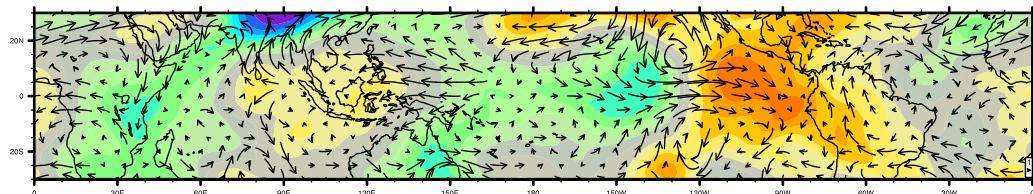


# vp200 (20180201) lead day=20

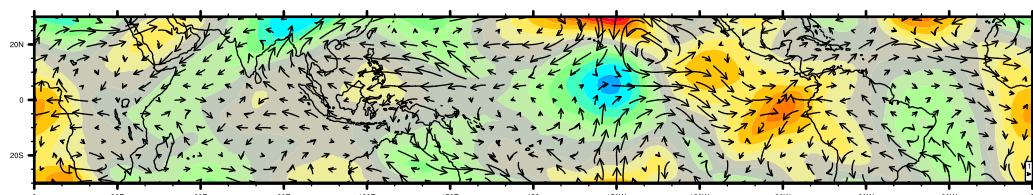
obs



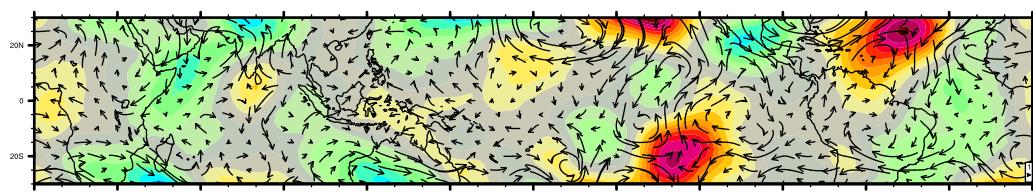
ufsv3.1



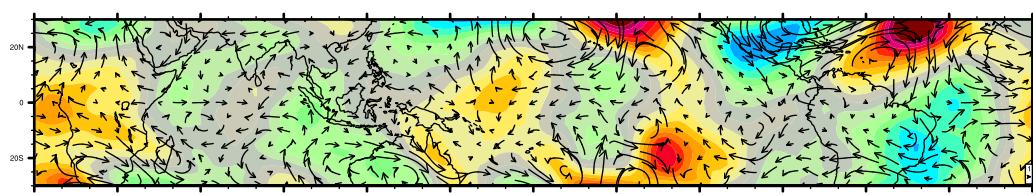
ufsv5



ufsv3.1-obs



ufsv5-obs

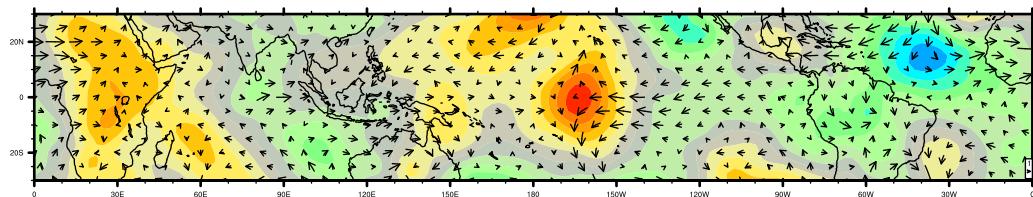


-3.6e+07 -2.4e+07 -1.2e+07 0 1.2e+07 2.4e+07 3.6e+07

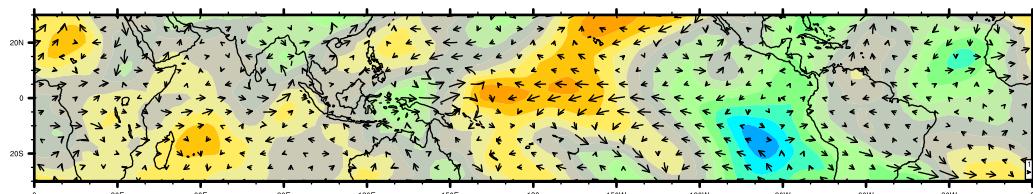
$m^2 s^{-1}$

# vp850 (20180201) lead day=21

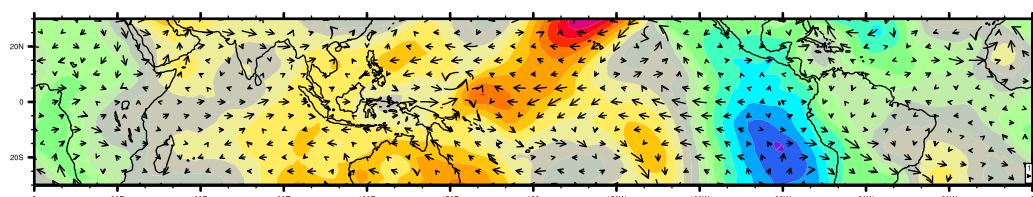
obs



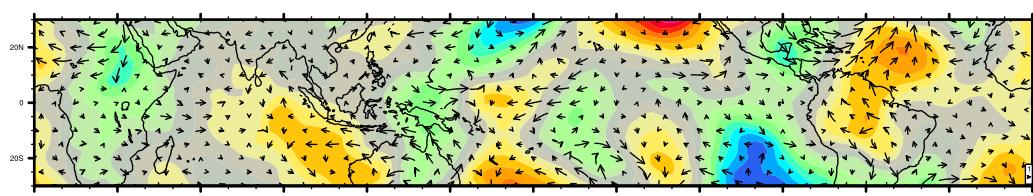
ufsv3.1



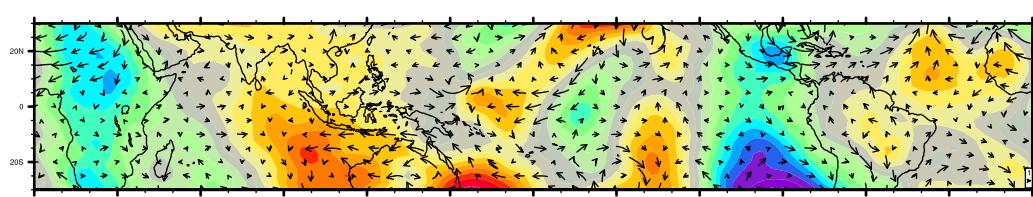
ufsv5



ufsv3.1-obs



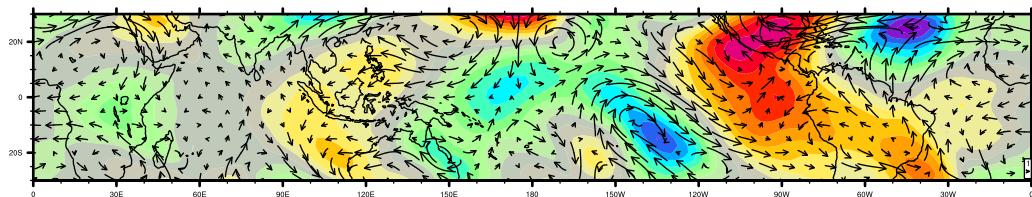
ufsv5-obs



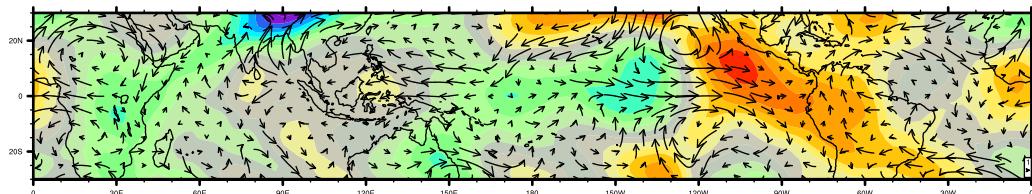
$m^2 s^{-1}$

# vp200 (20180201) lead day=21

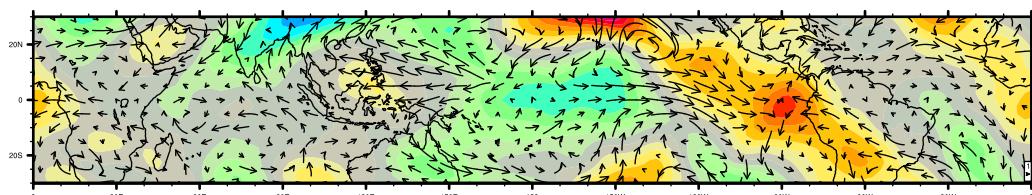
obs



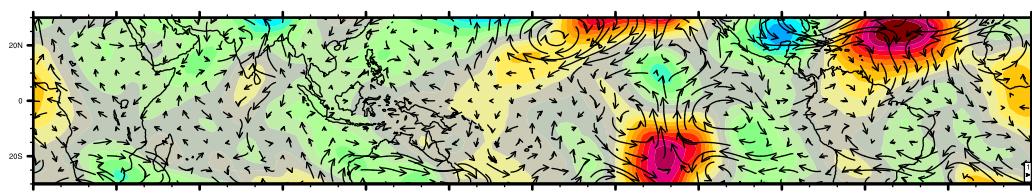
ufsv3.1



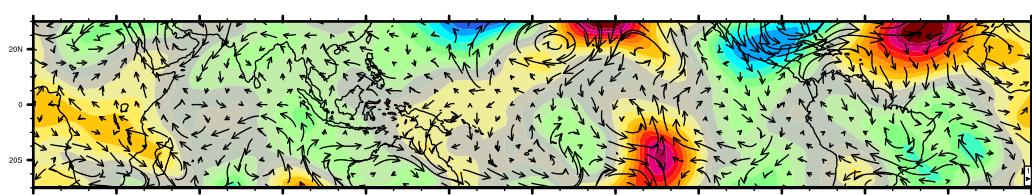
ufsv5



ufsv3.1-obs

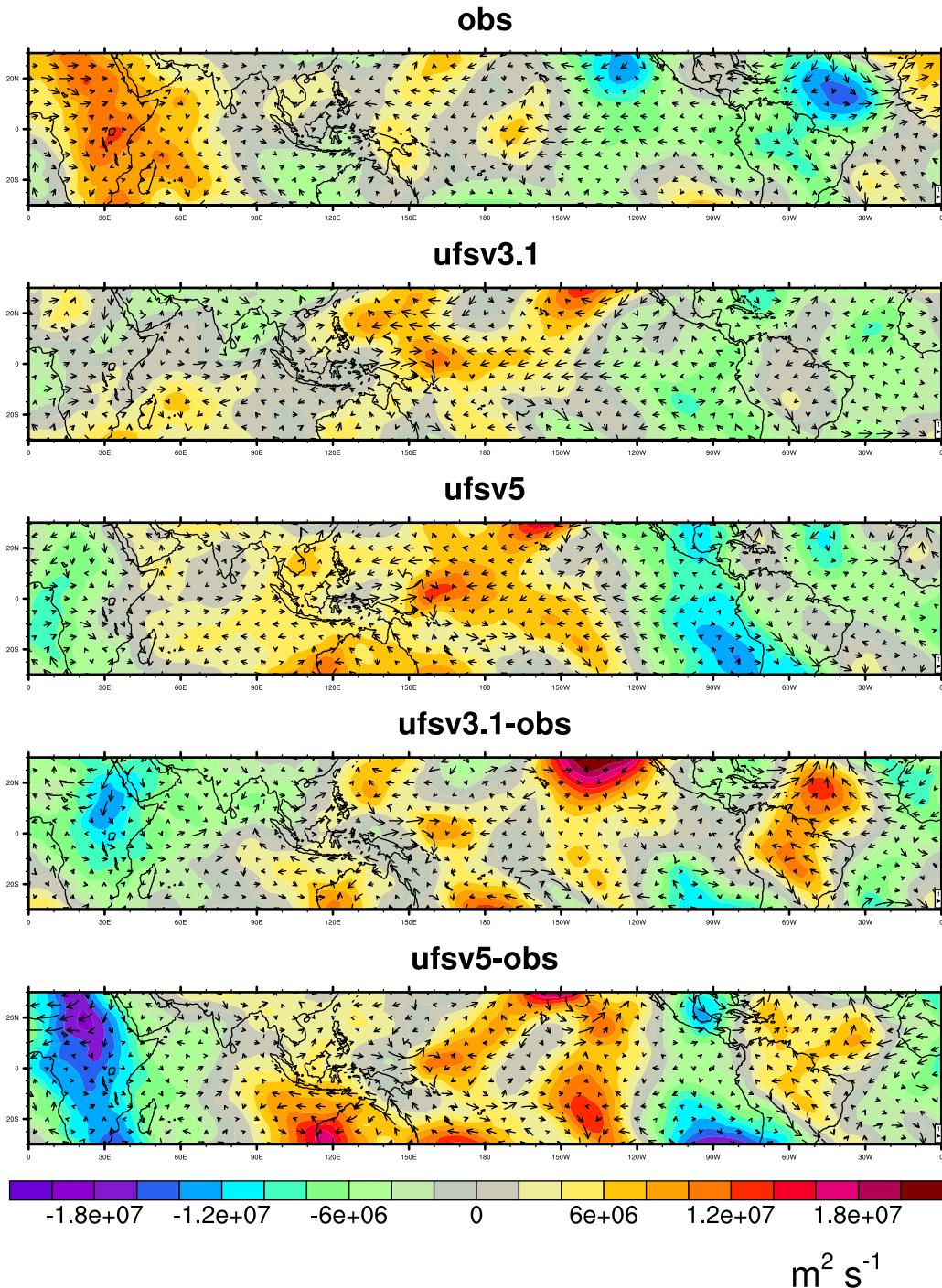


ufsv5-obs

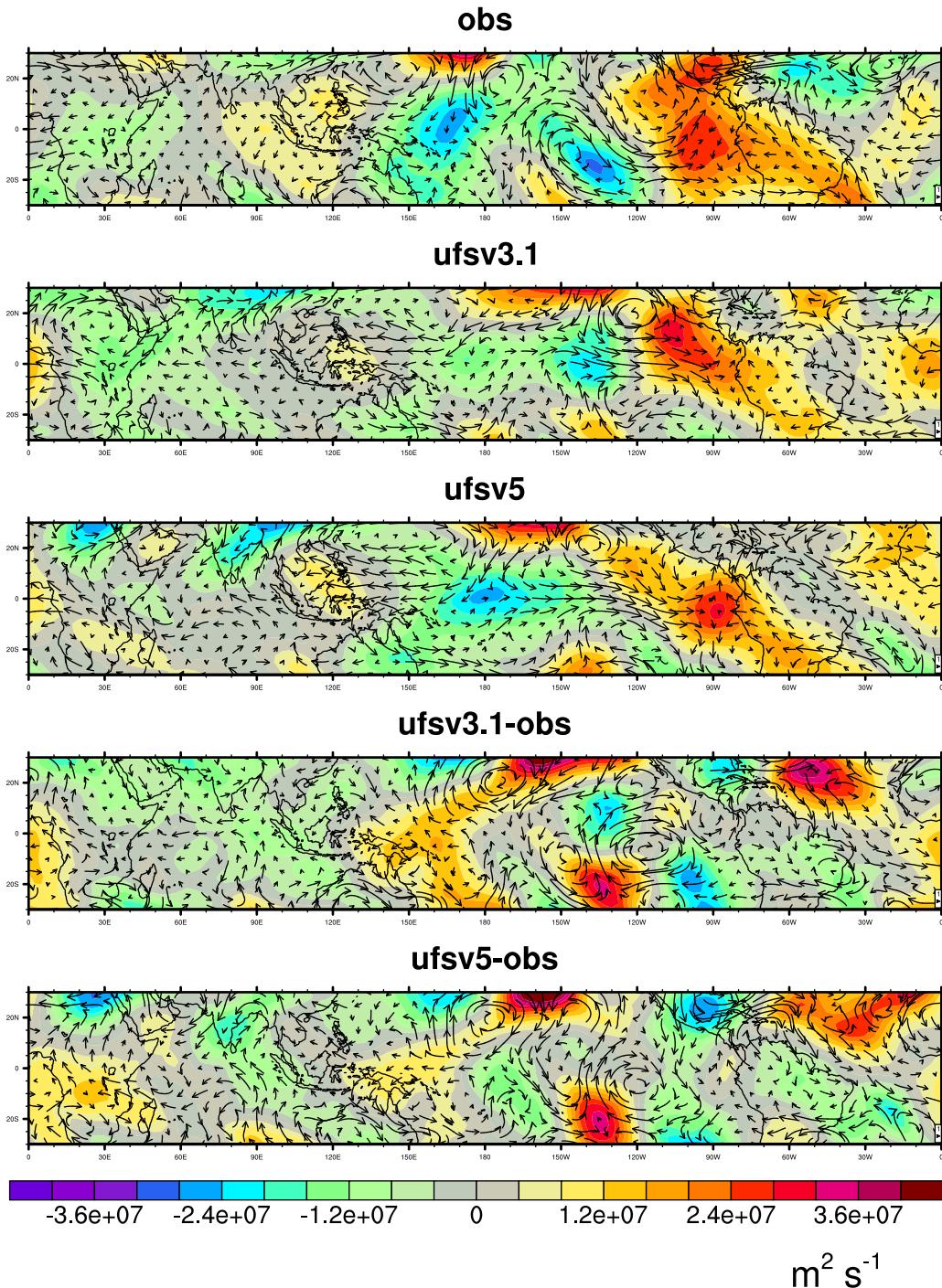


m<sup>2</sup> s<sup>-1</sup>

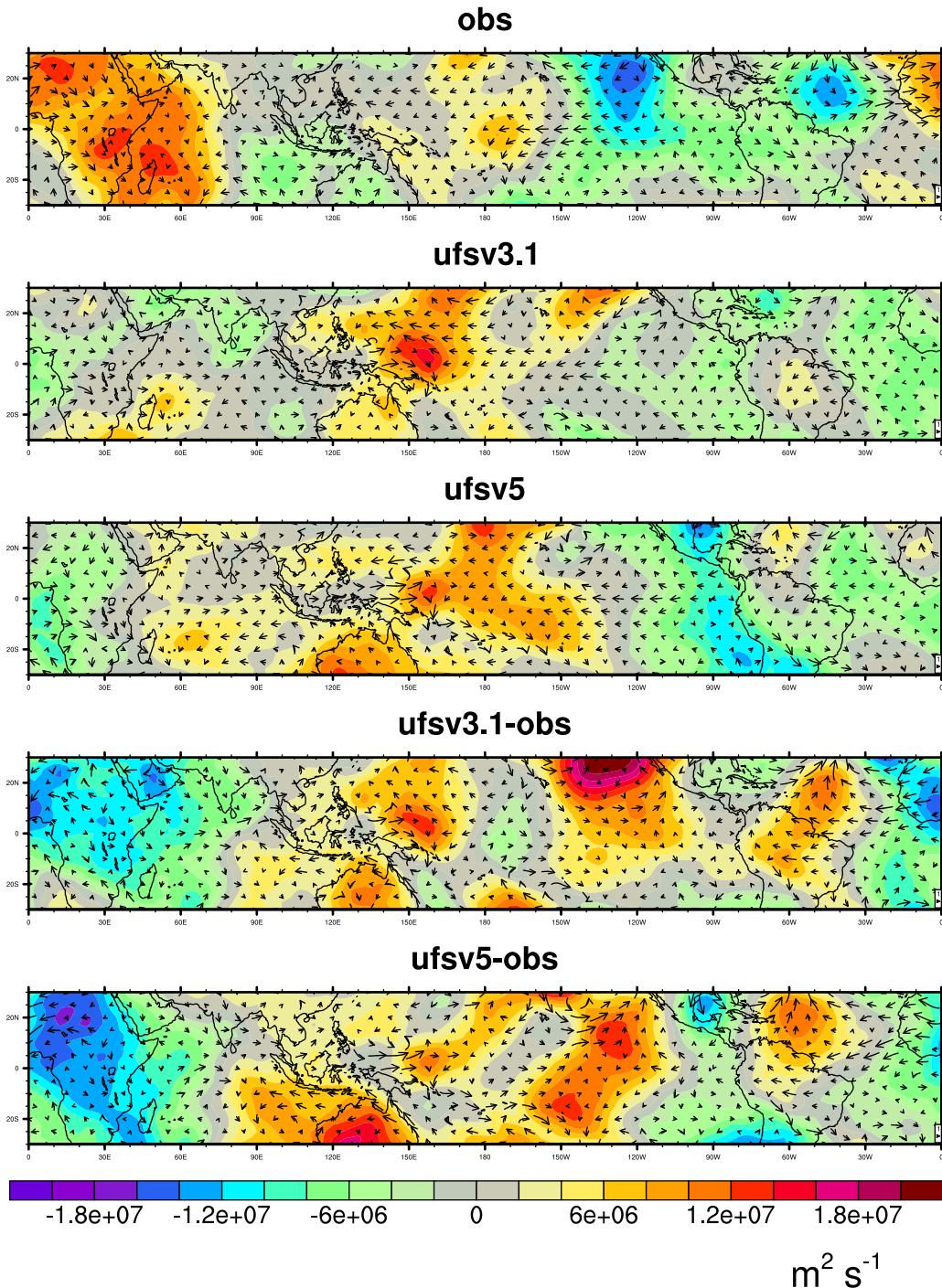
# vp850 (20180201) lead day=22



# vp200 (20180201) lead day=22

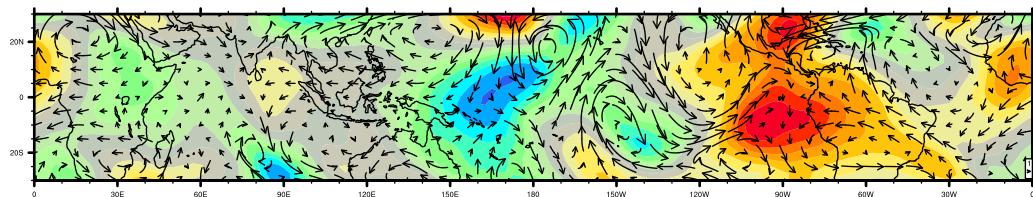


# vp850 (20180201) lead day=23

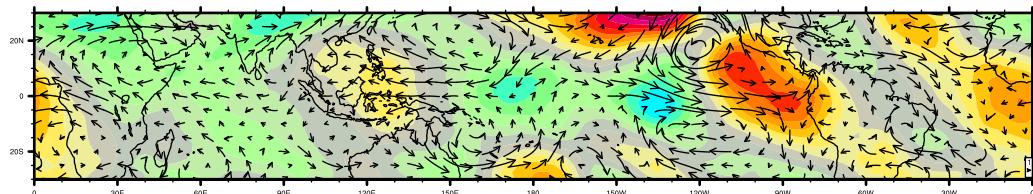


# vp200 (20180201) lead day=23

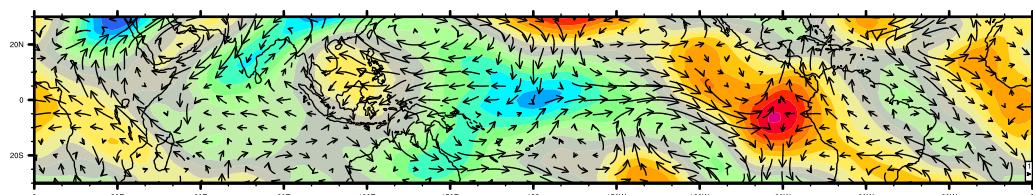
obs



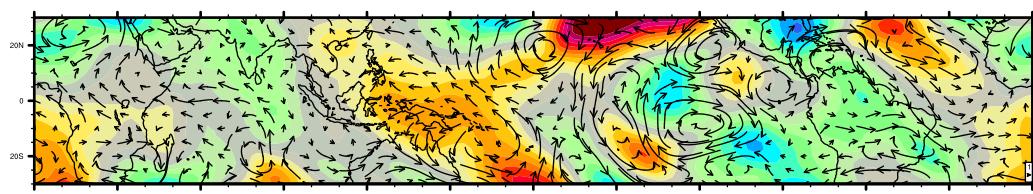
ufs v3.1



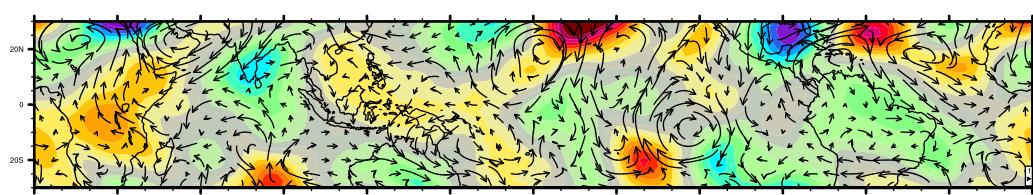
ufs v5



ufs v3.1-obs

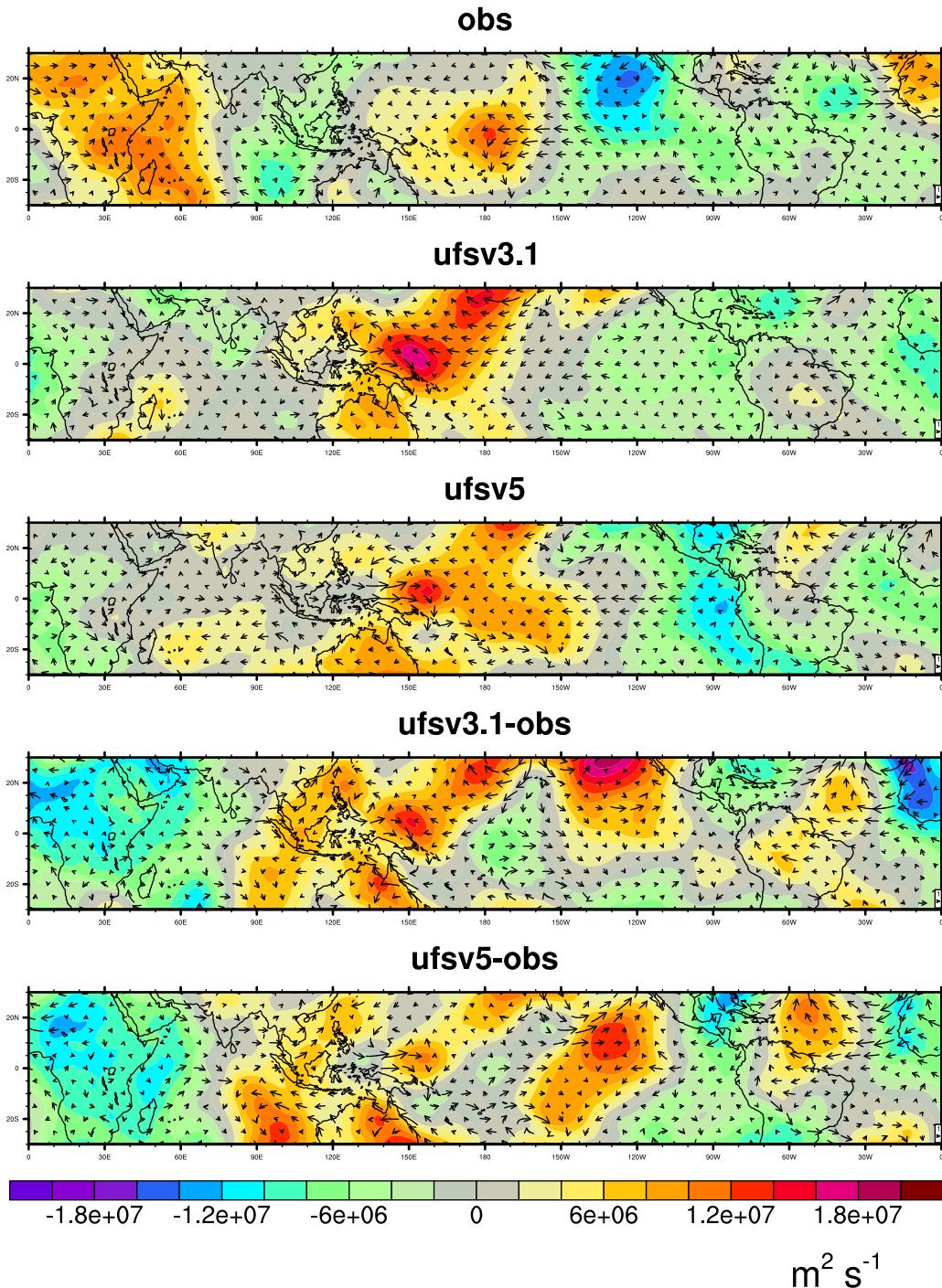


ufs v5-obs



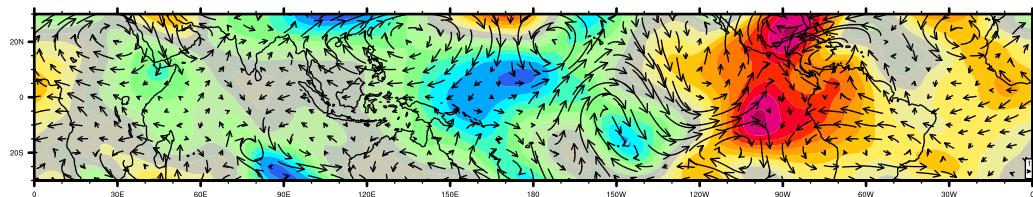
m<sup>2</sup> s<sup>-1</sup>

# vp850 (20180201) lead day=24

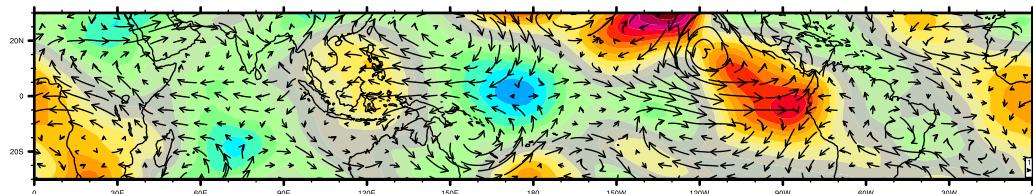


# vp200 (20180201) lead day=24

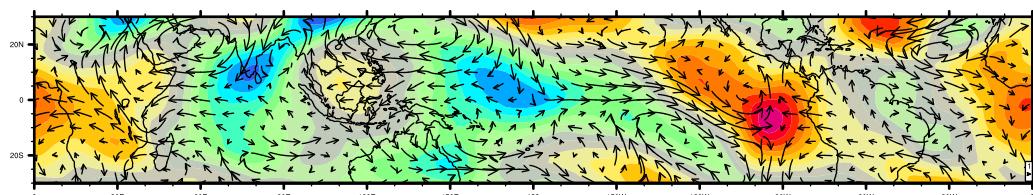
obs



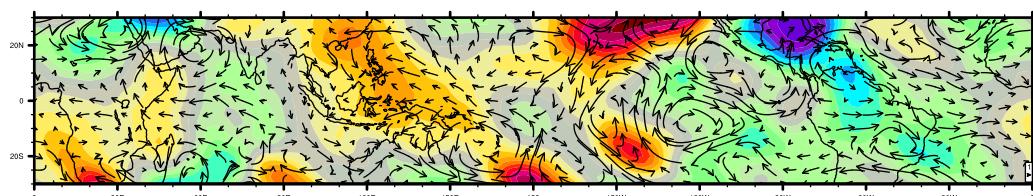
ufsv3.1



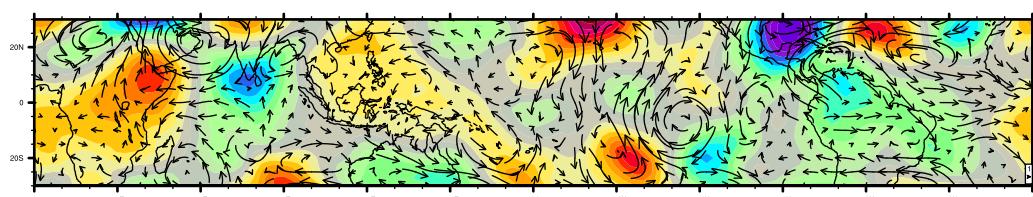
ufsv5



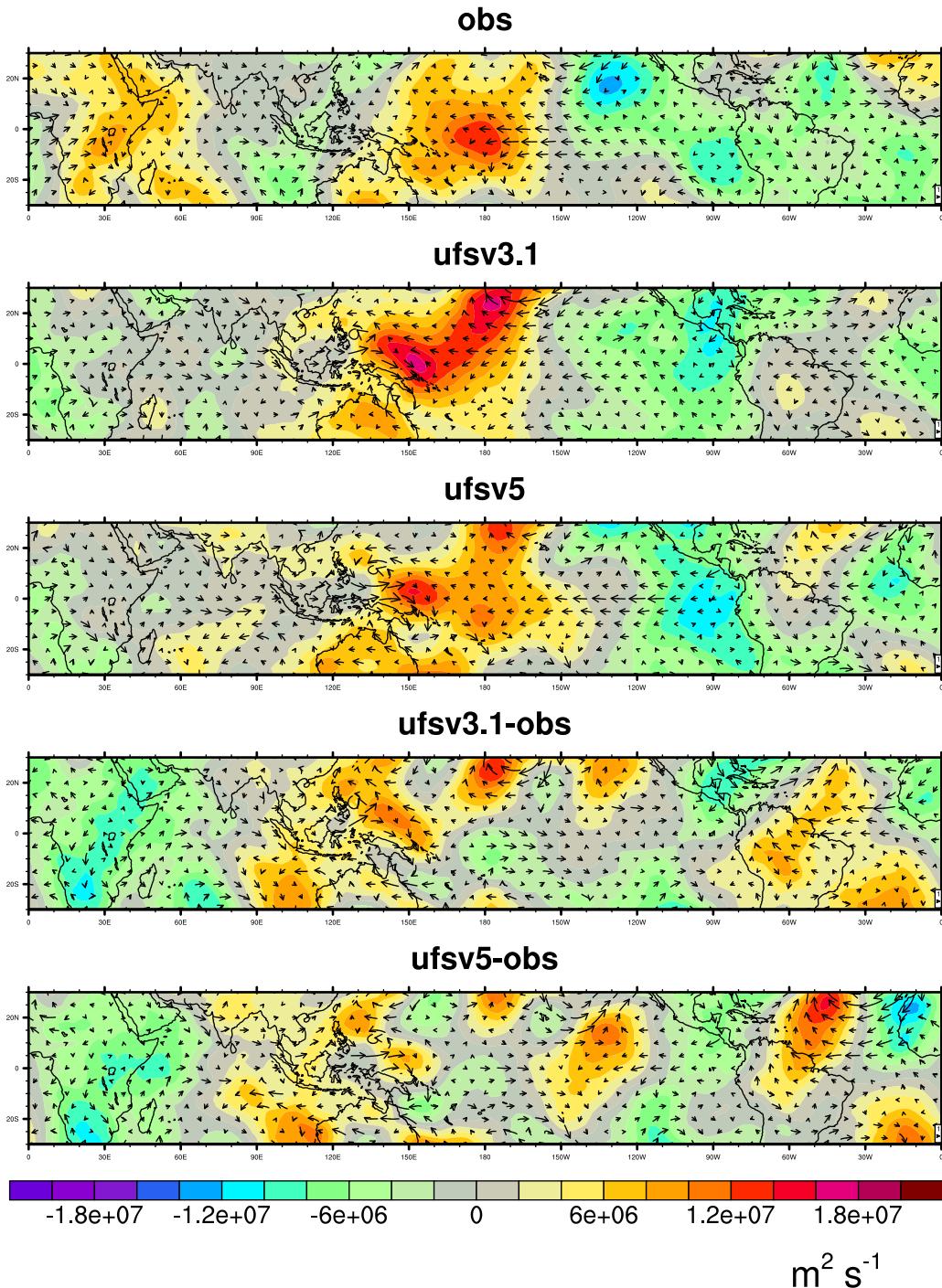
ufsv3.1-obs



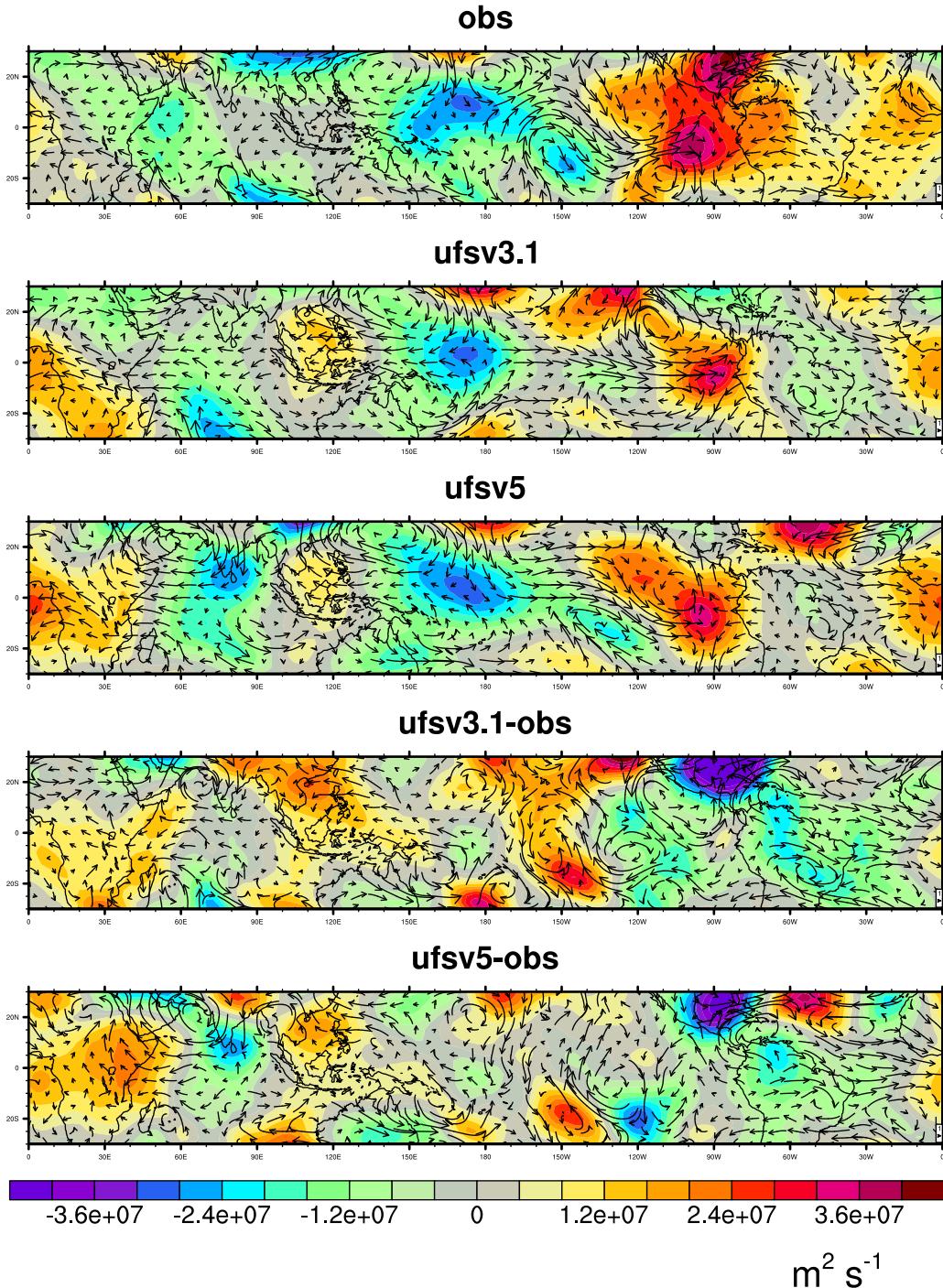
ufsv5-obs



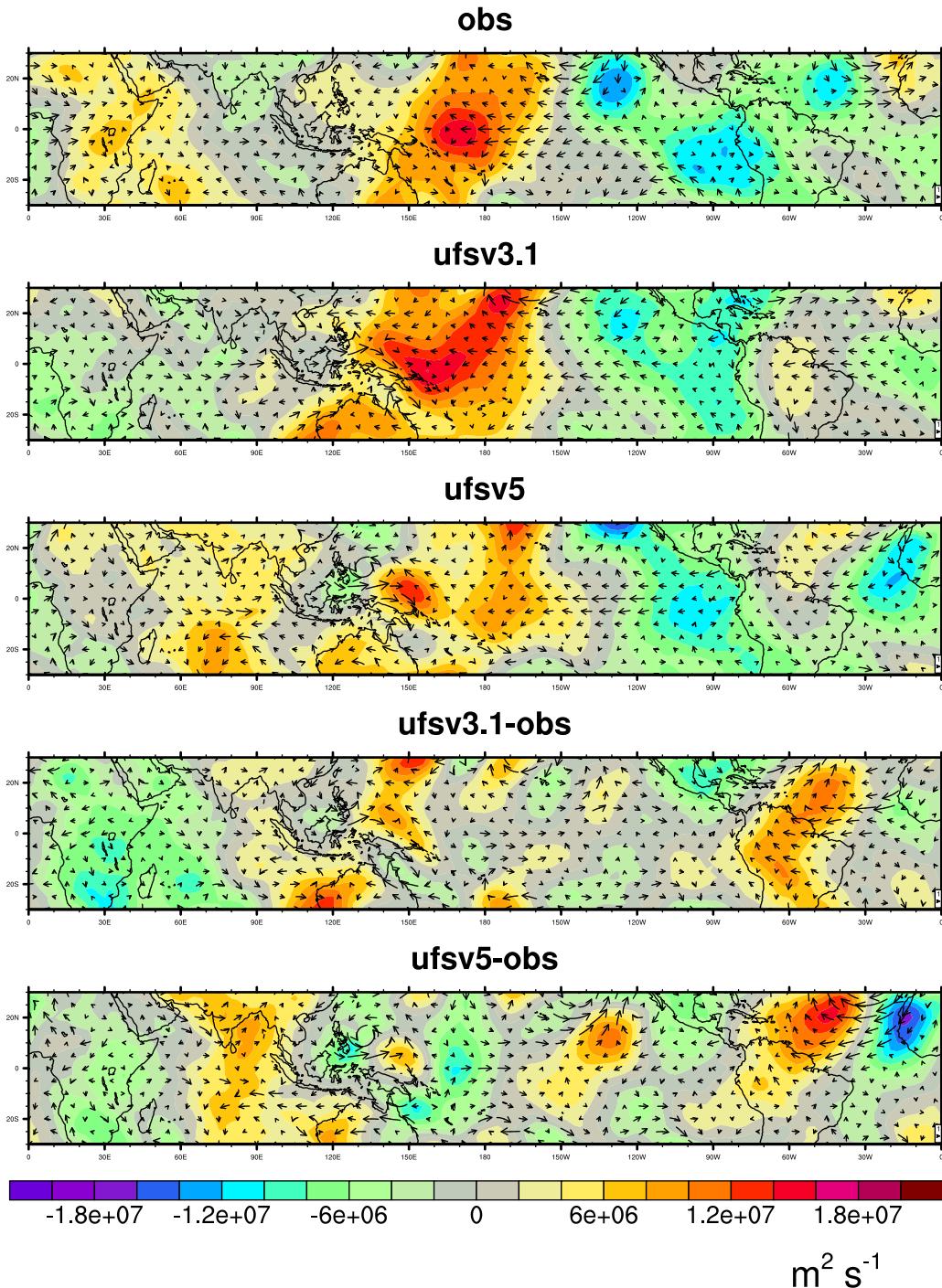
# vp850 (20180201) lead day=25



# vp200 (20180201) lead day=25

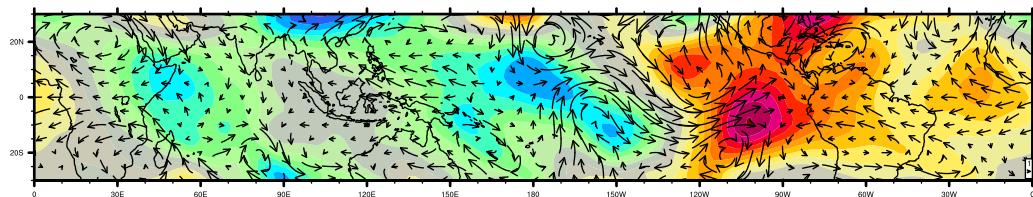


# vp850 (20180201) lead day=26

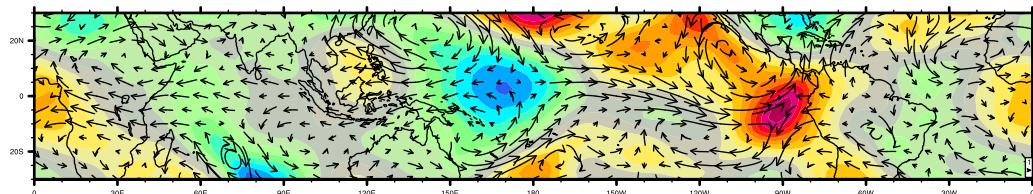


# vp200 (20180201) lead day=26

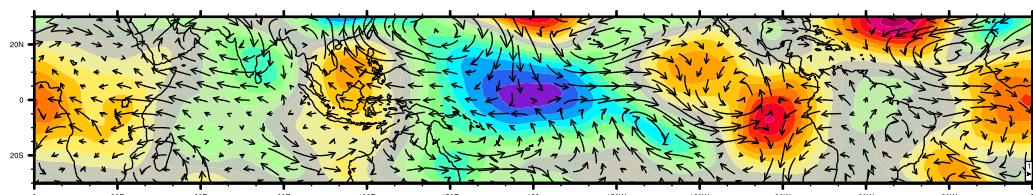
obs



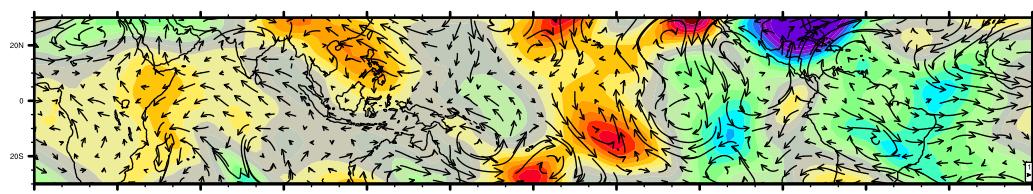
ufsv3.1



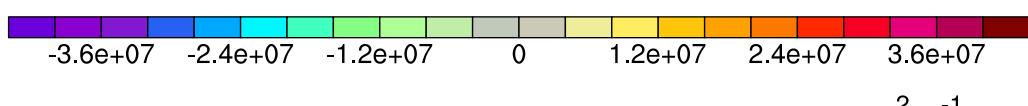
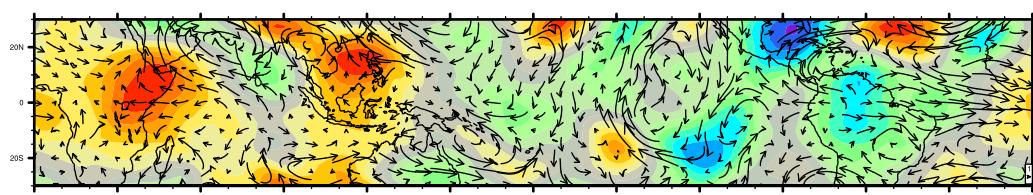
ufsv5



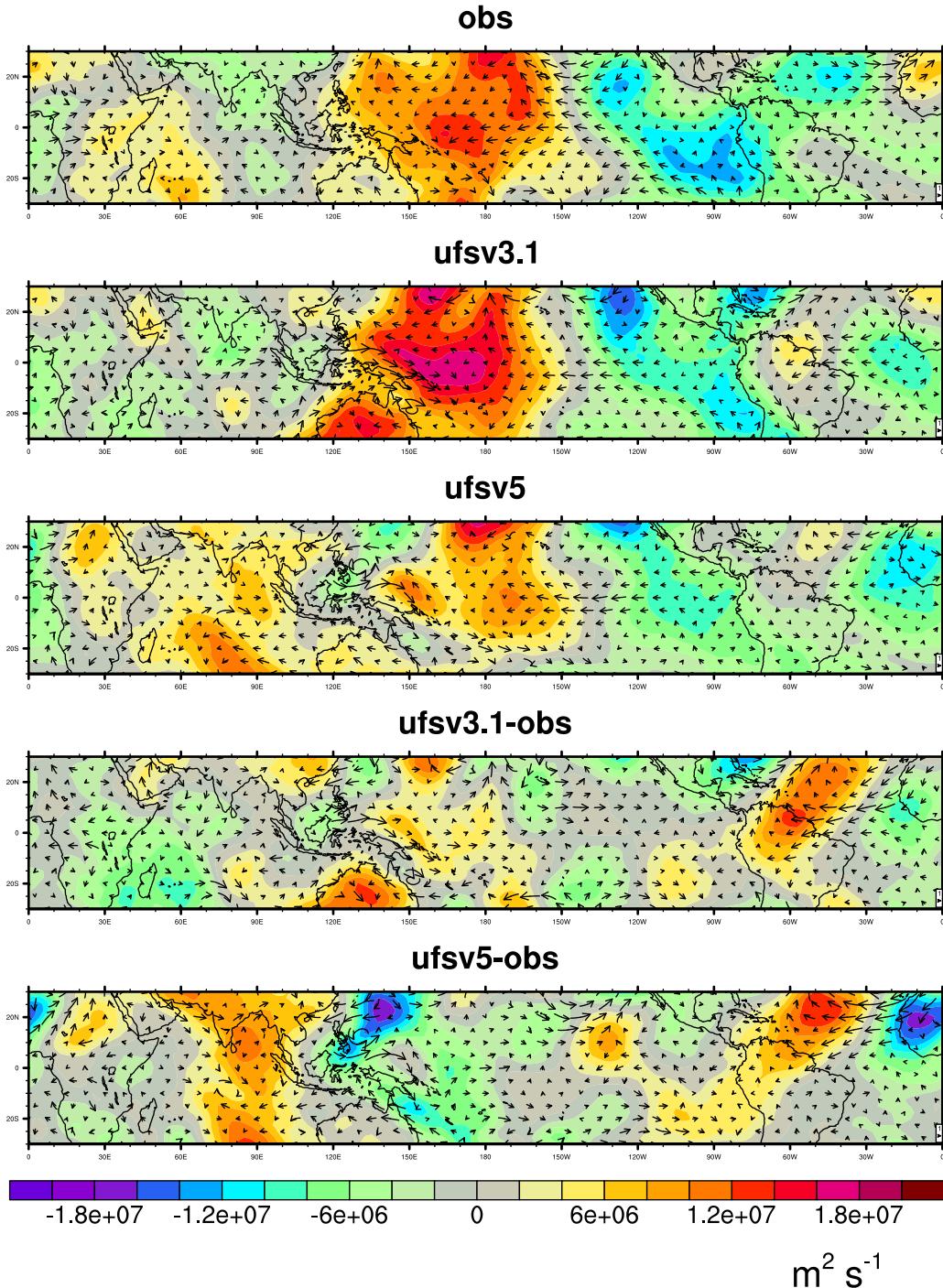
ufsv3.1-obs



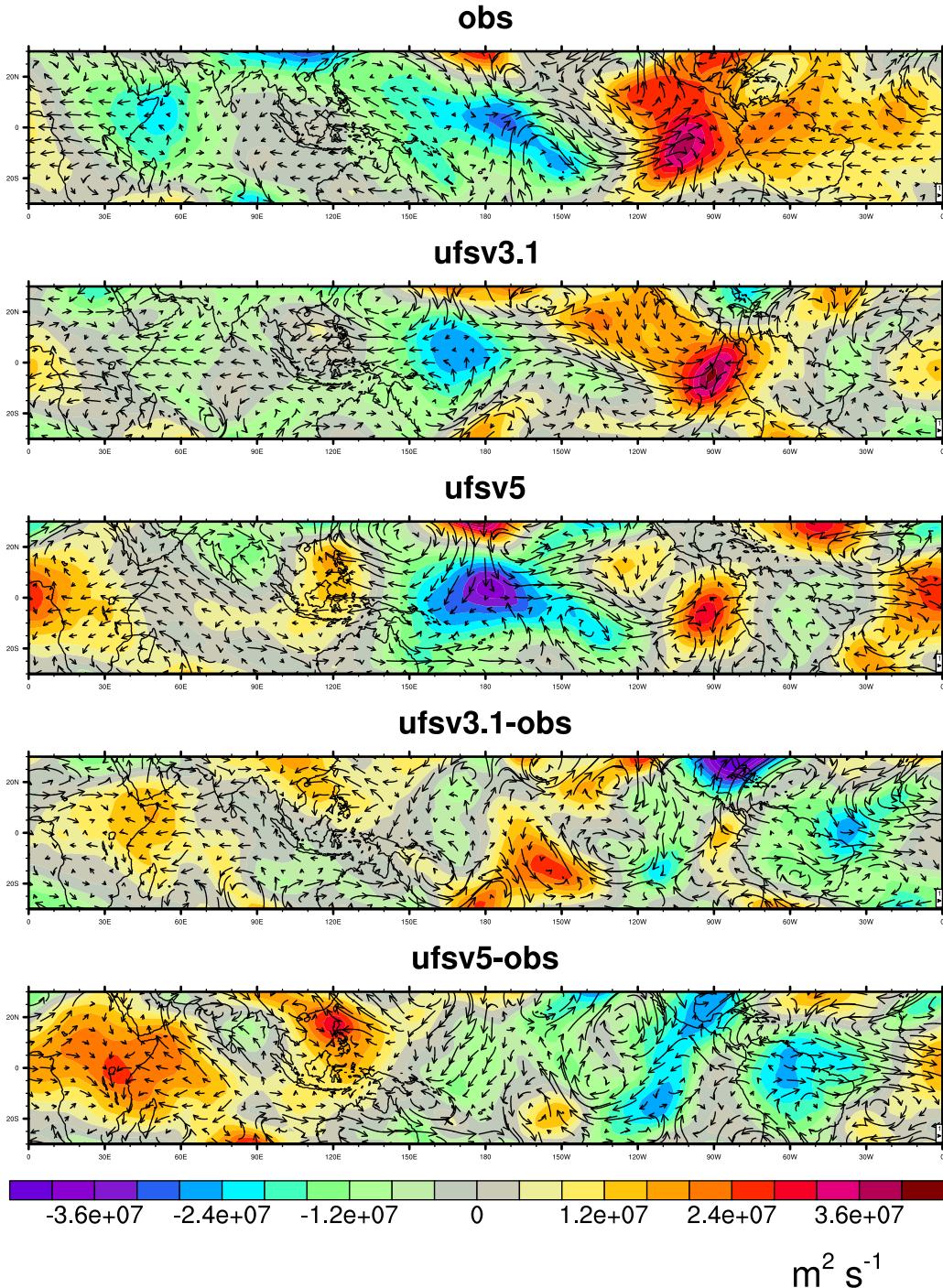
ufsv5-obs



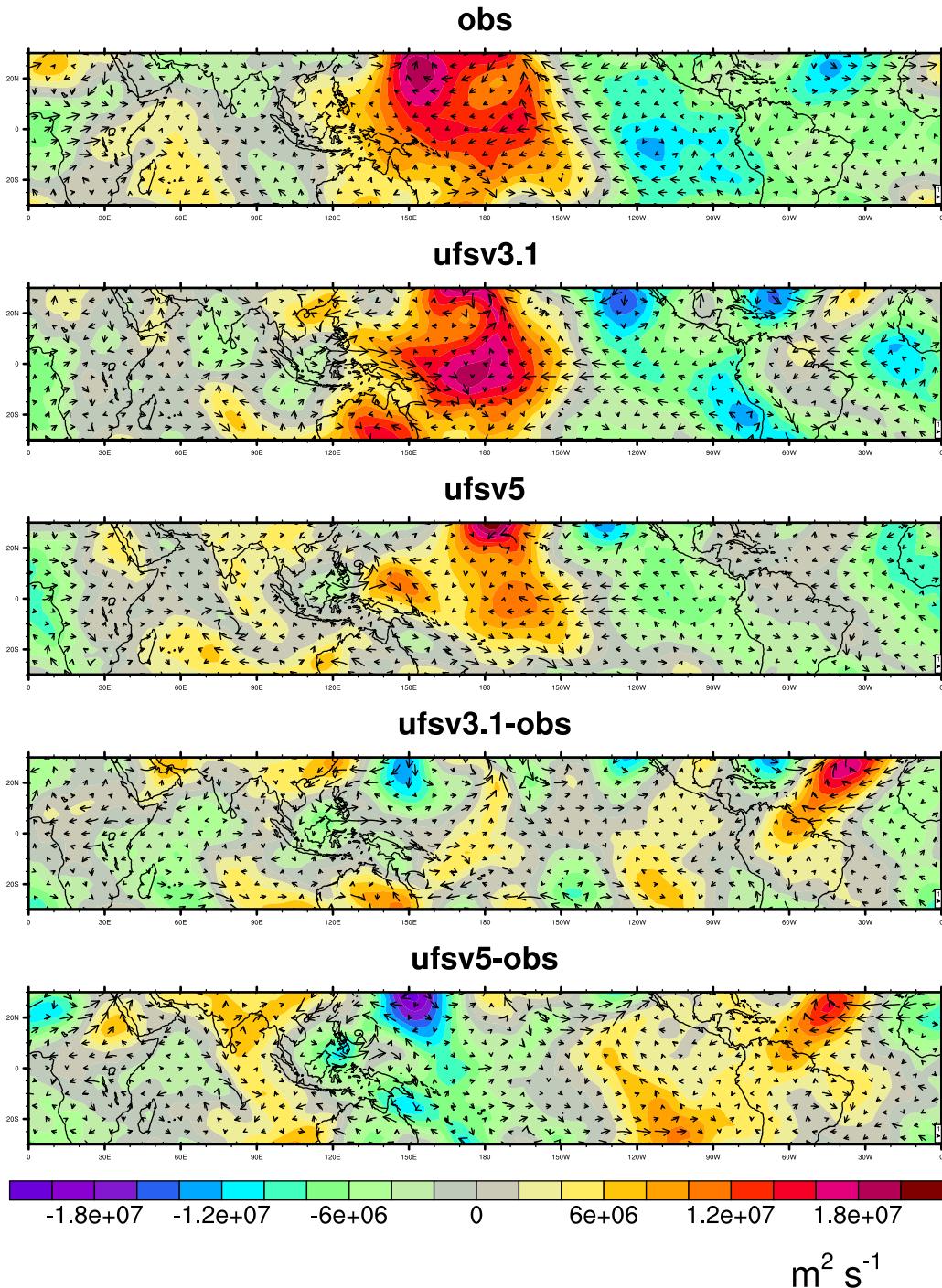
# vp850 (20180201) lead day=27



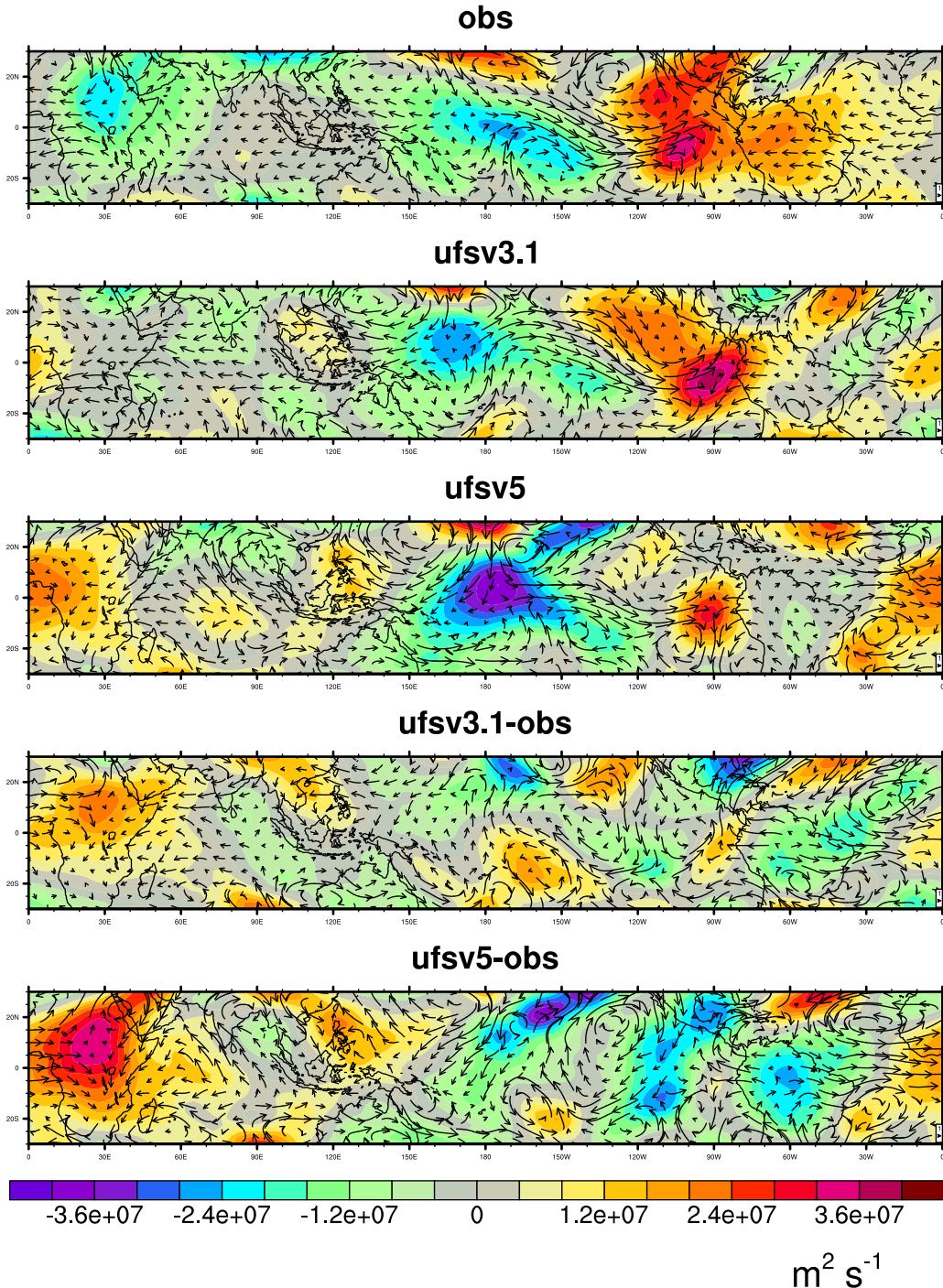
# vp200 (20180201) lead day=27



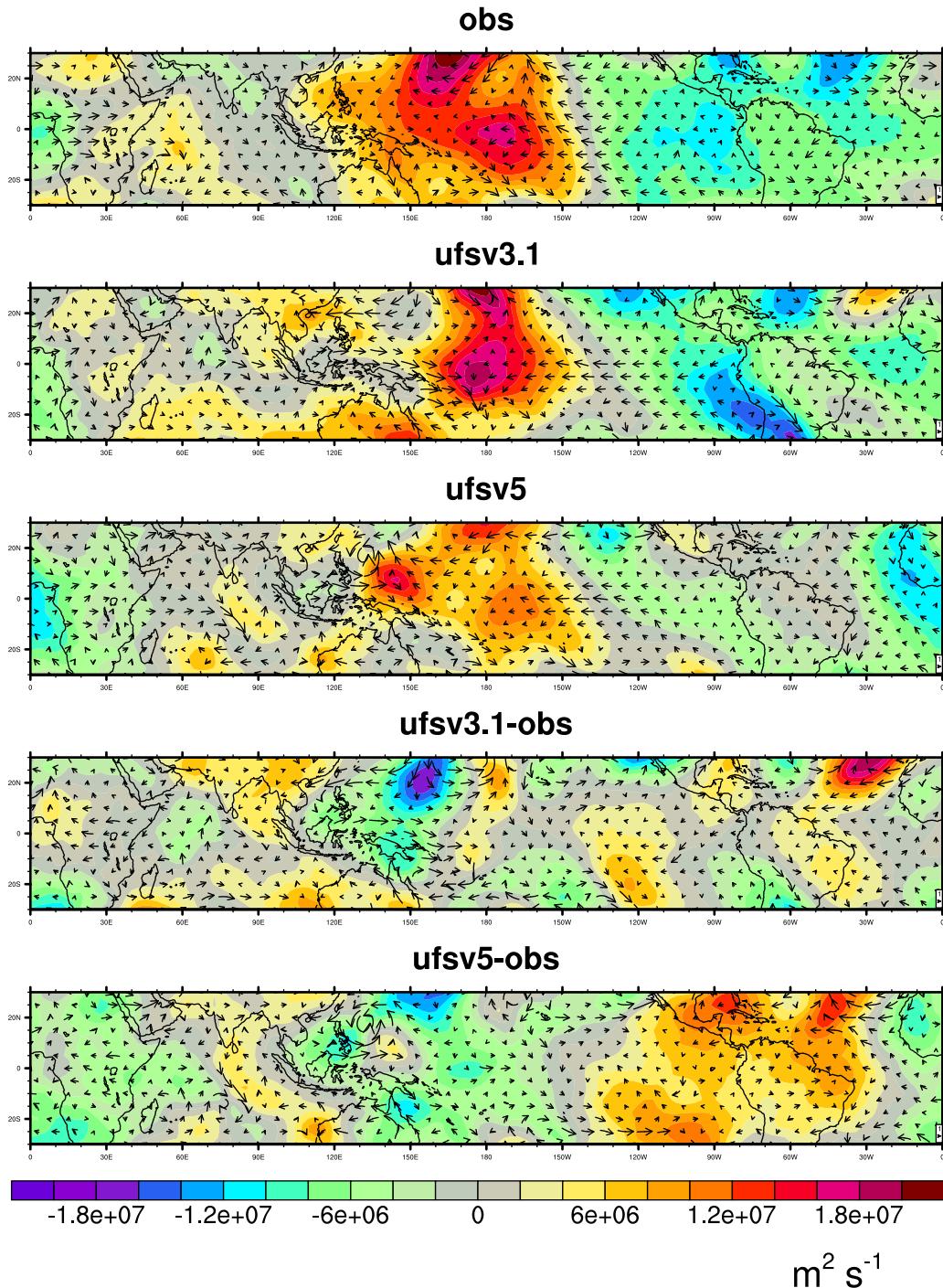
# vp850 (20180201) lead day=28



# vp200 (20180201) lead day=28

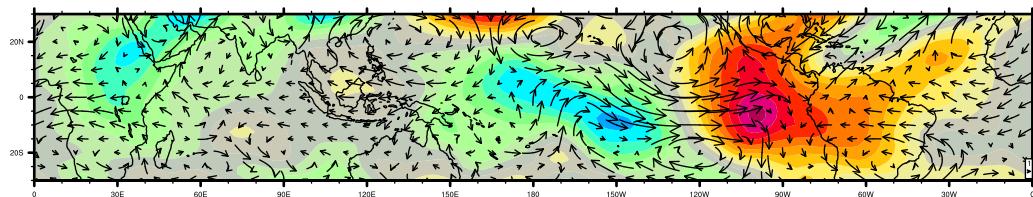


# vp850 (20180201) lead day=29

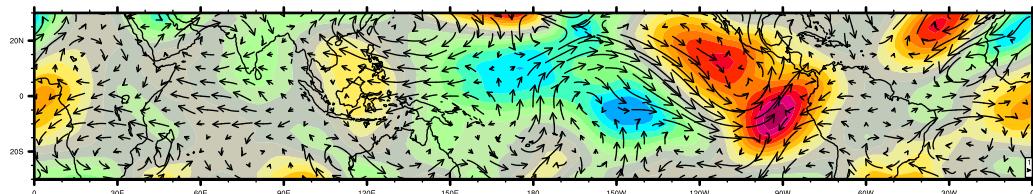


# vp200 (20180201) lead day=29

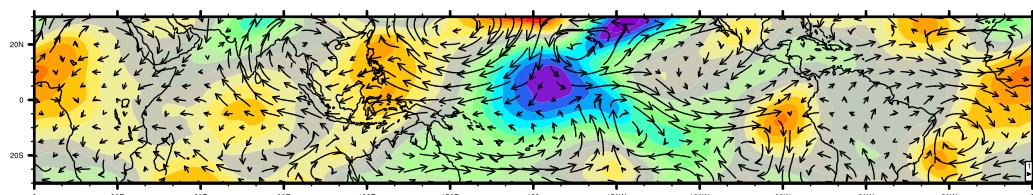
obs



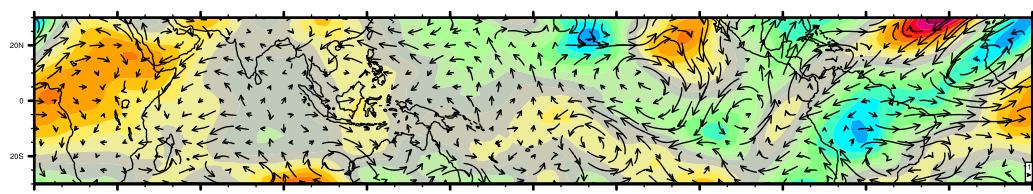
ufs v3.1



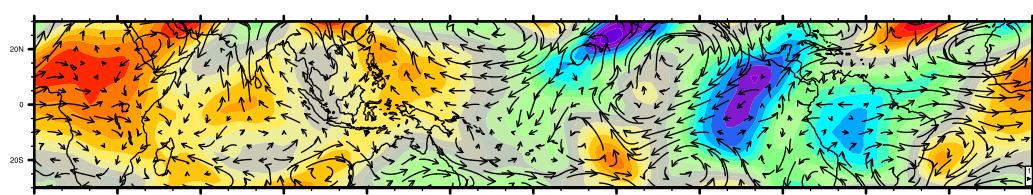
ufs v5



ufs v3.1-obs

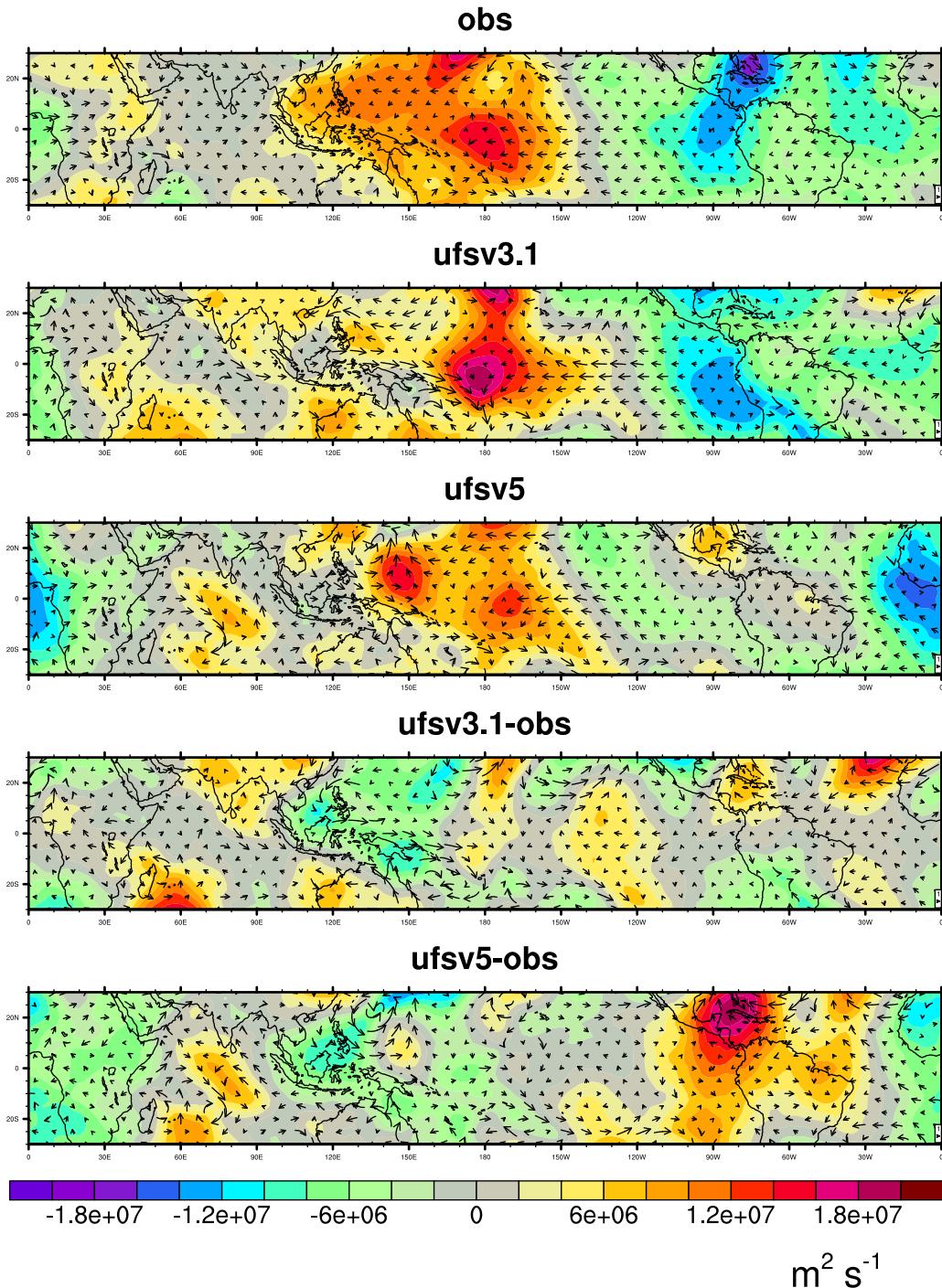


ufs v5-obs

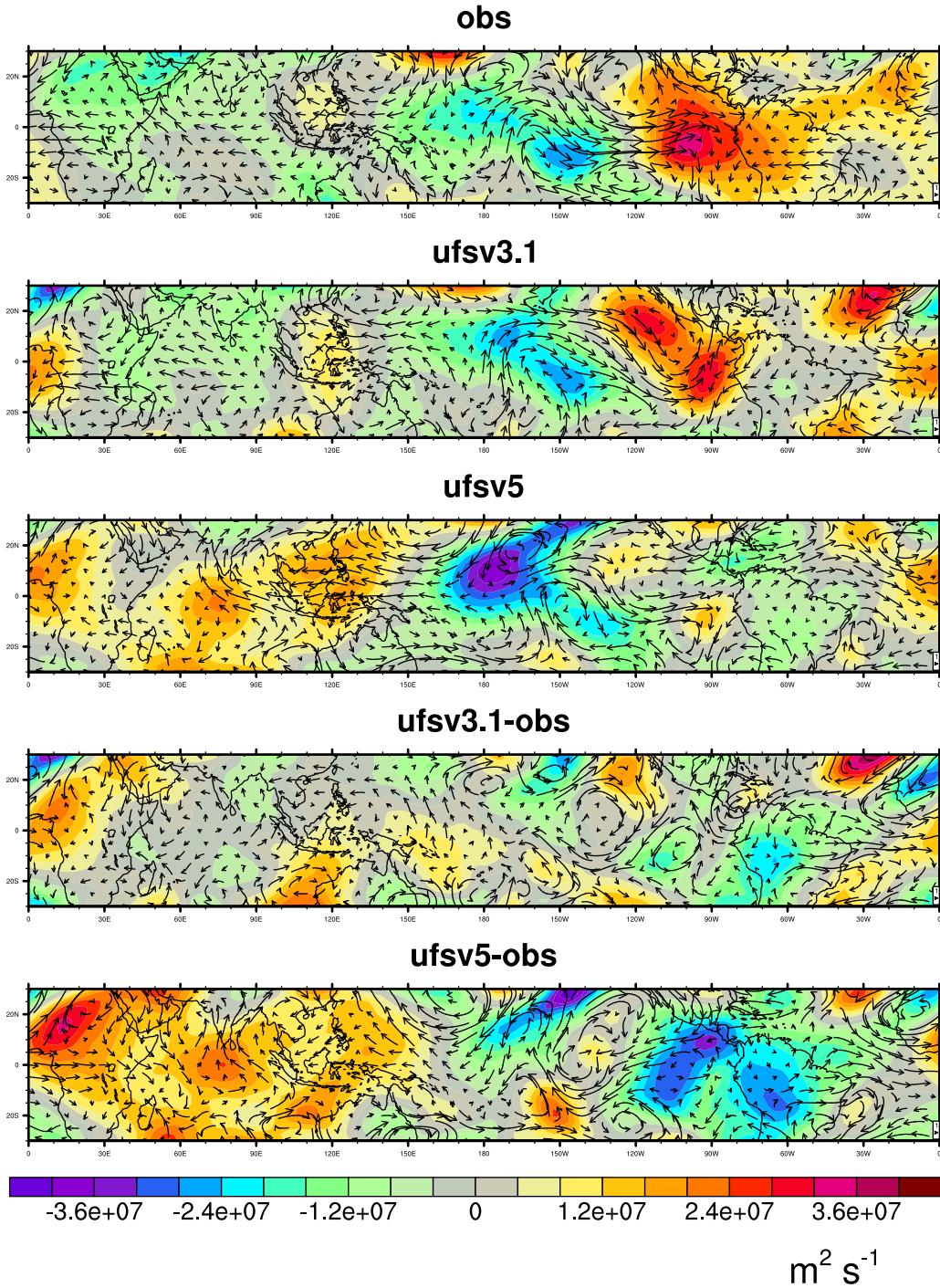


m<sup>2</sup> s<sup>-1</sup>

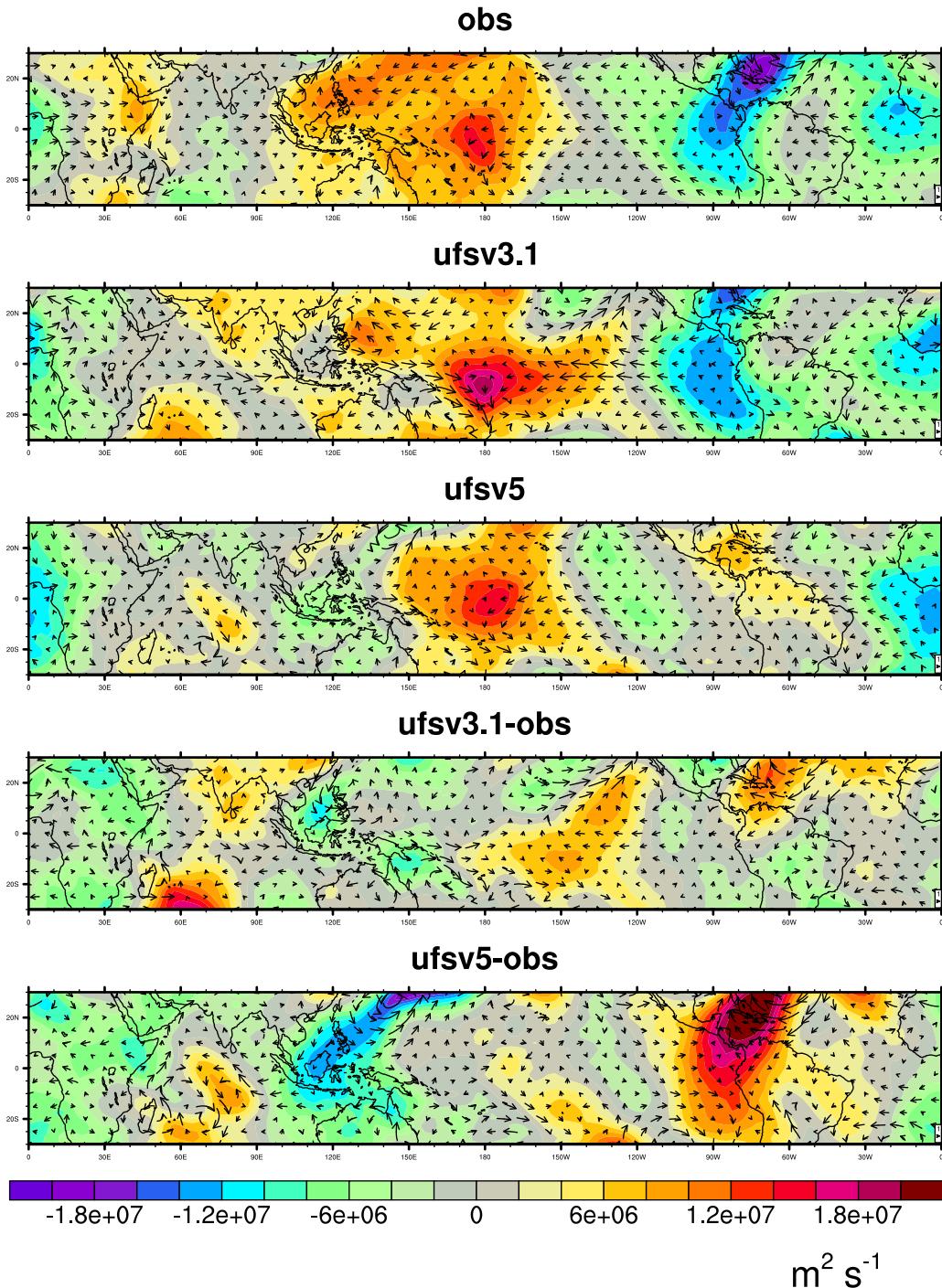
# vp850 (20180201) lead day=30



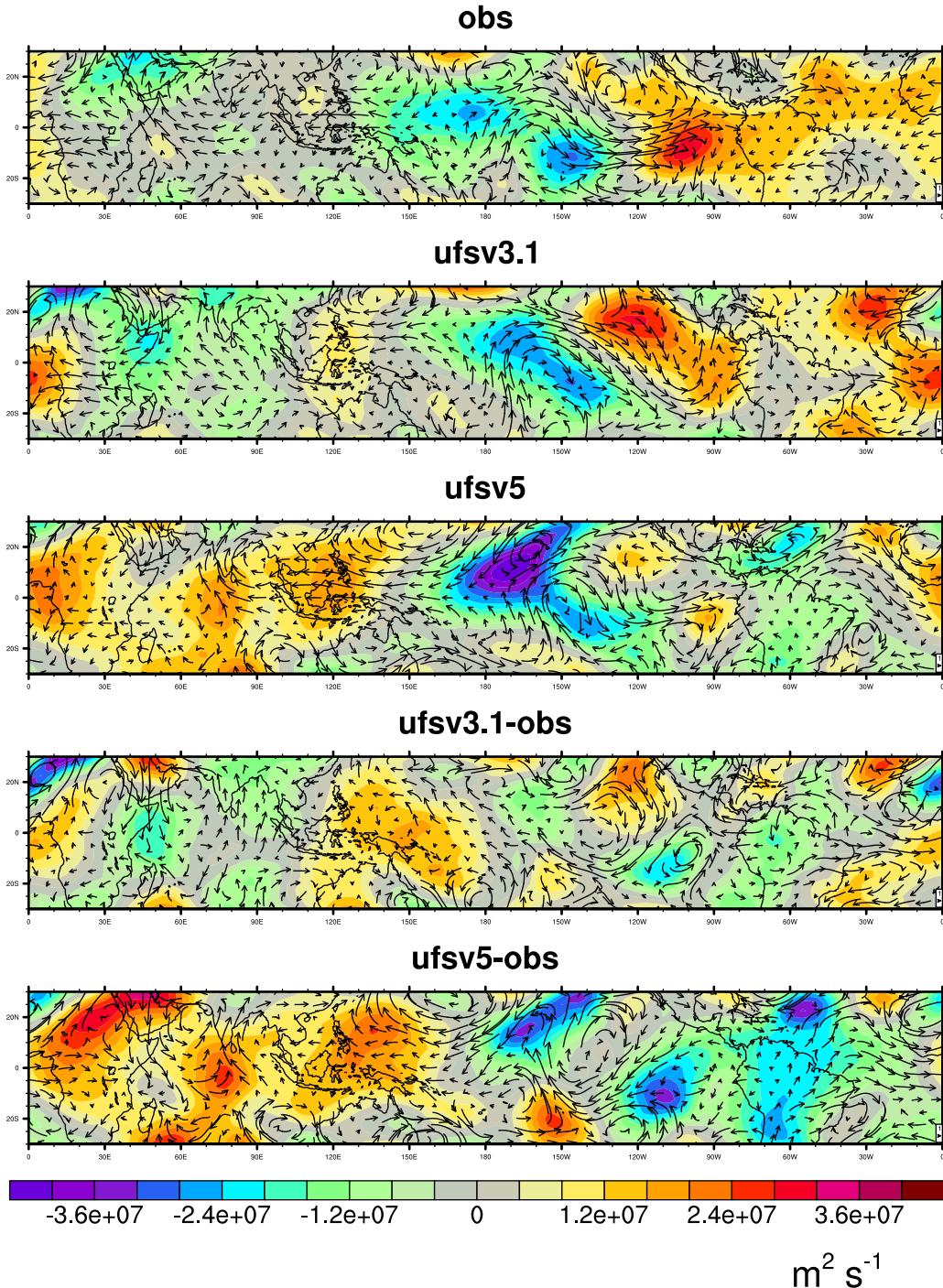
# vp200 (20180201) lead day=30



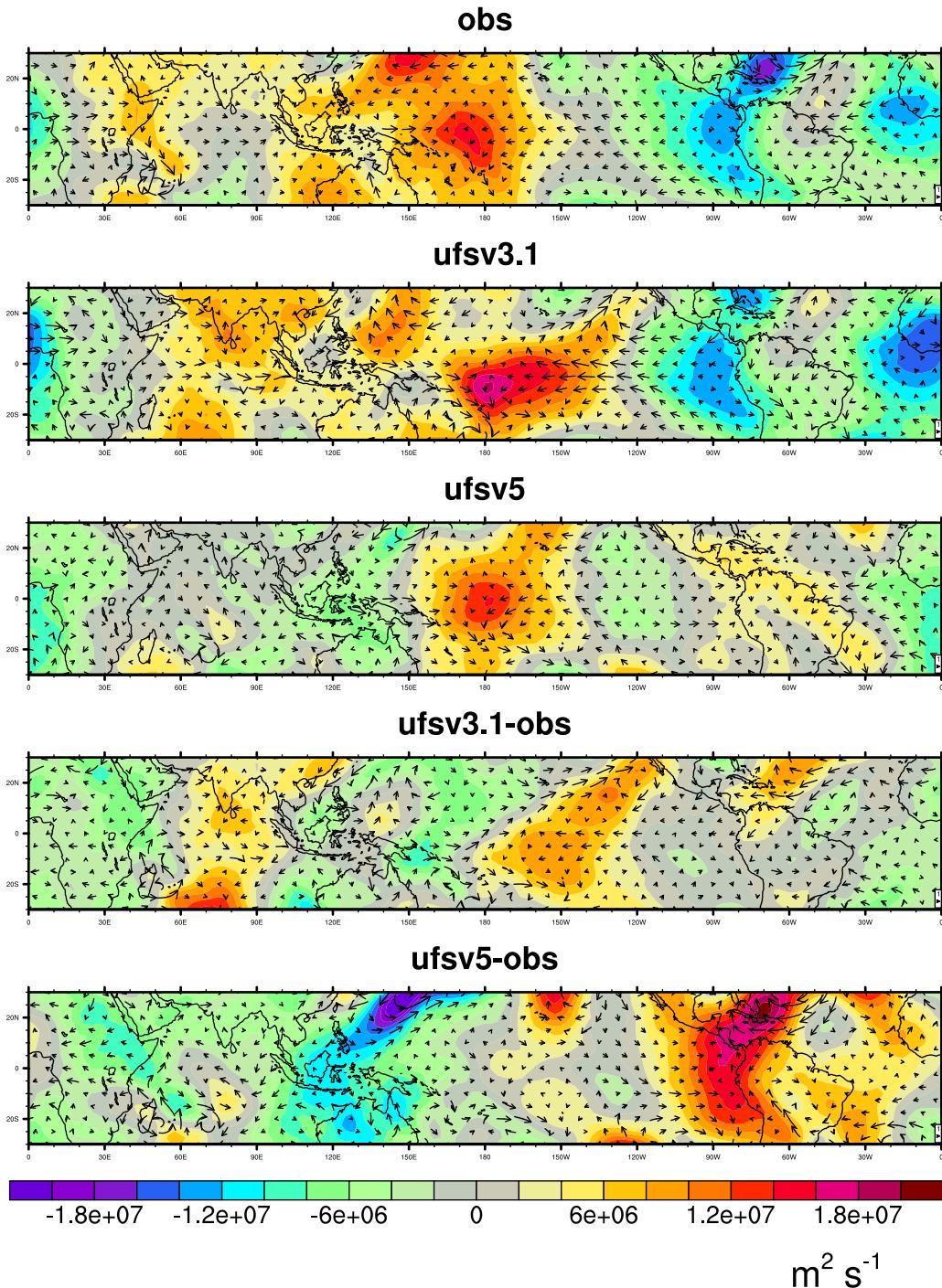
# vp850 (20180201) lead day=31



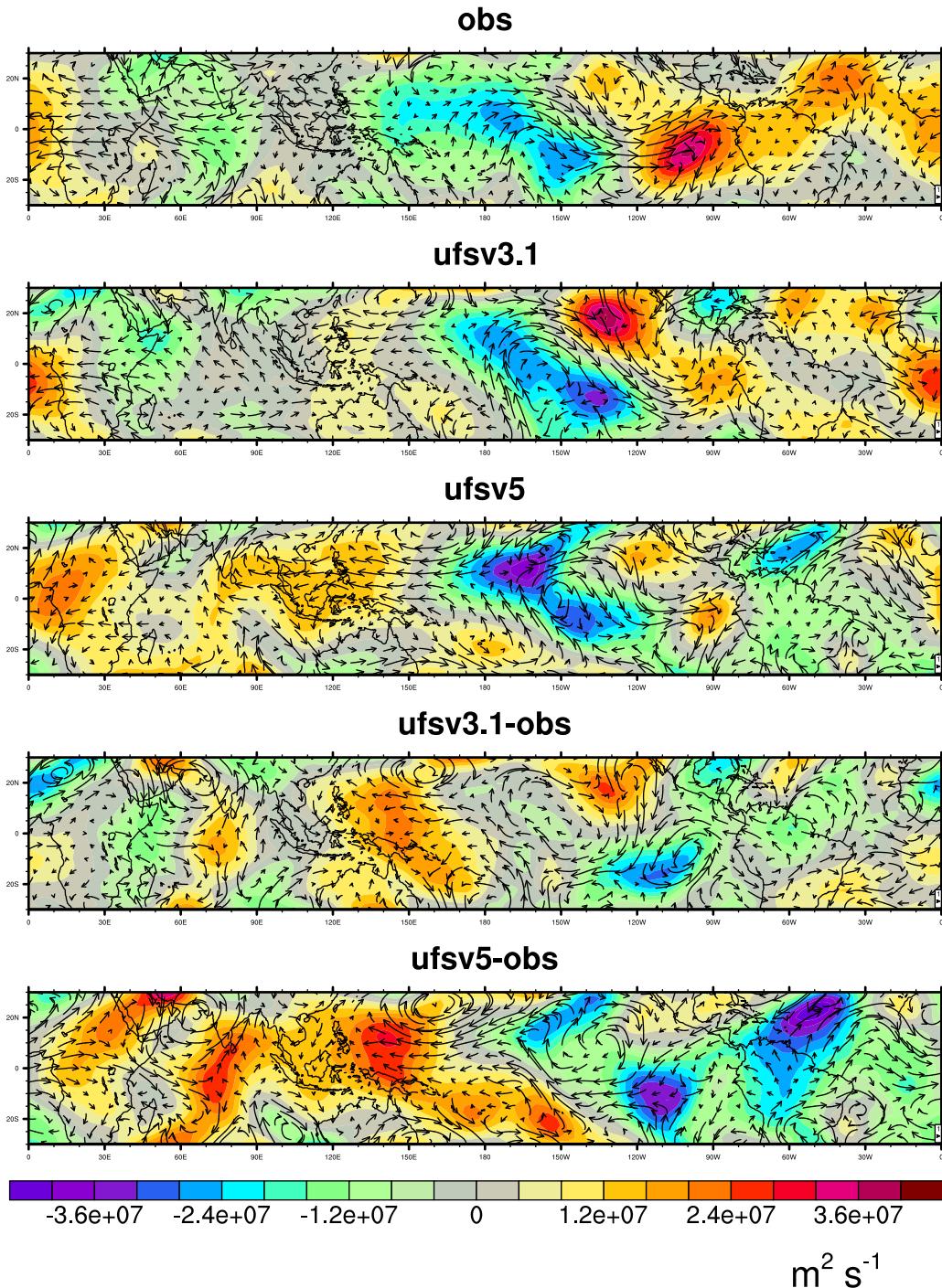
# vp200 (20180201) lead day=31



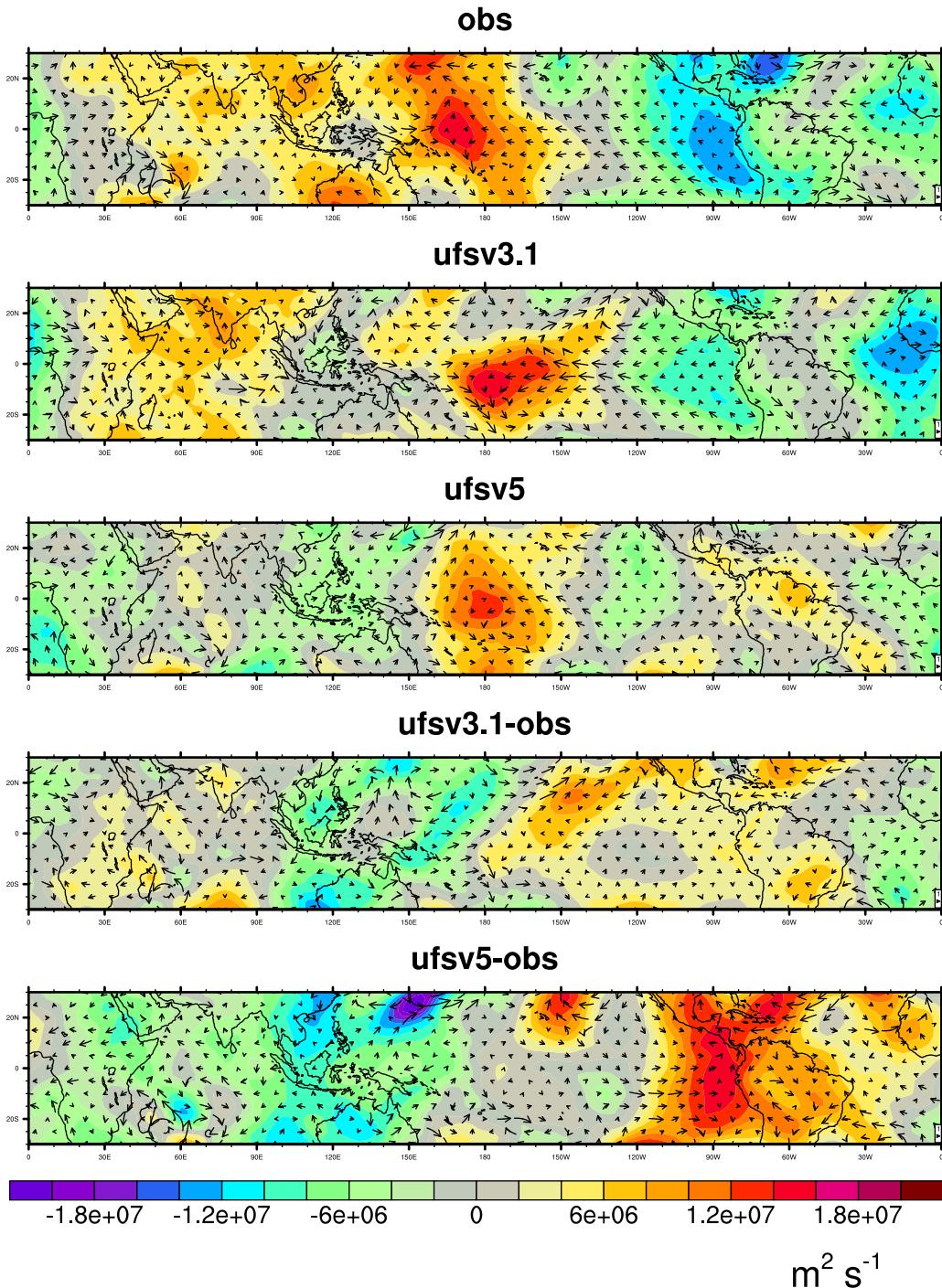
# vp850 (20180201) lead day=32



# vp200 (20180201) lead day=32

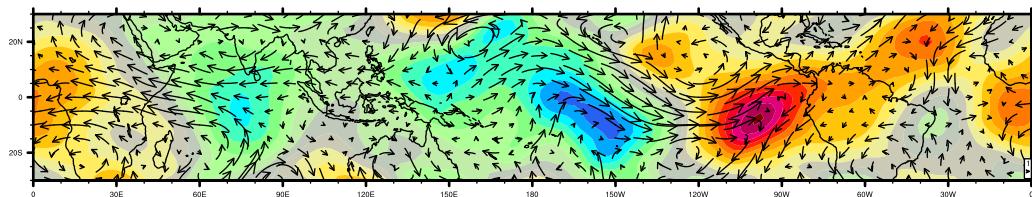


# vp850 (20180201) lead day=33

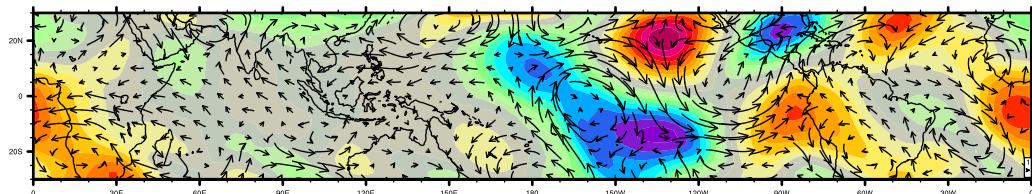


# vp200 (20180201) lead day=33

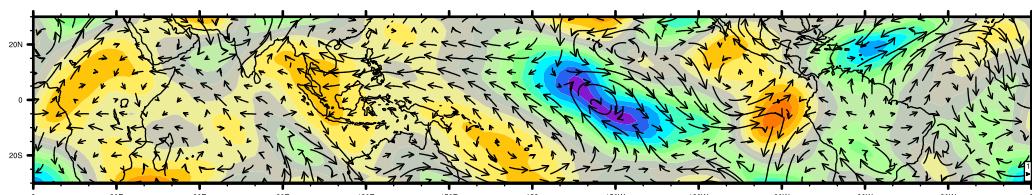
obs



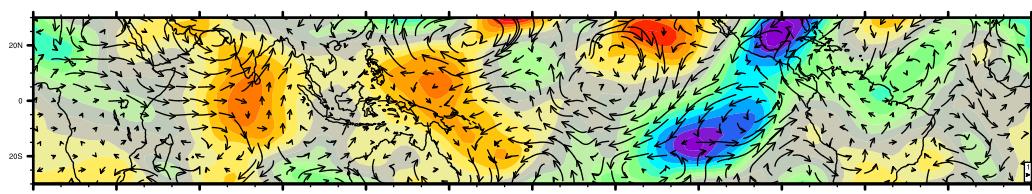
ufsv3.1



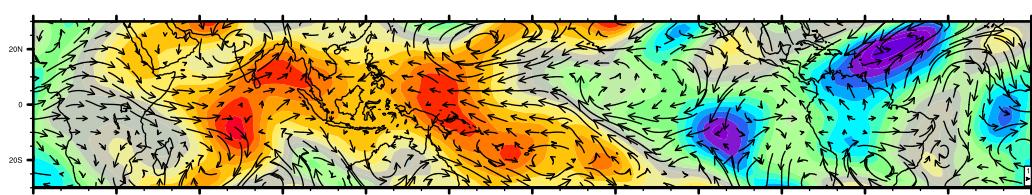
ufsv5



ufsv3.1-obs



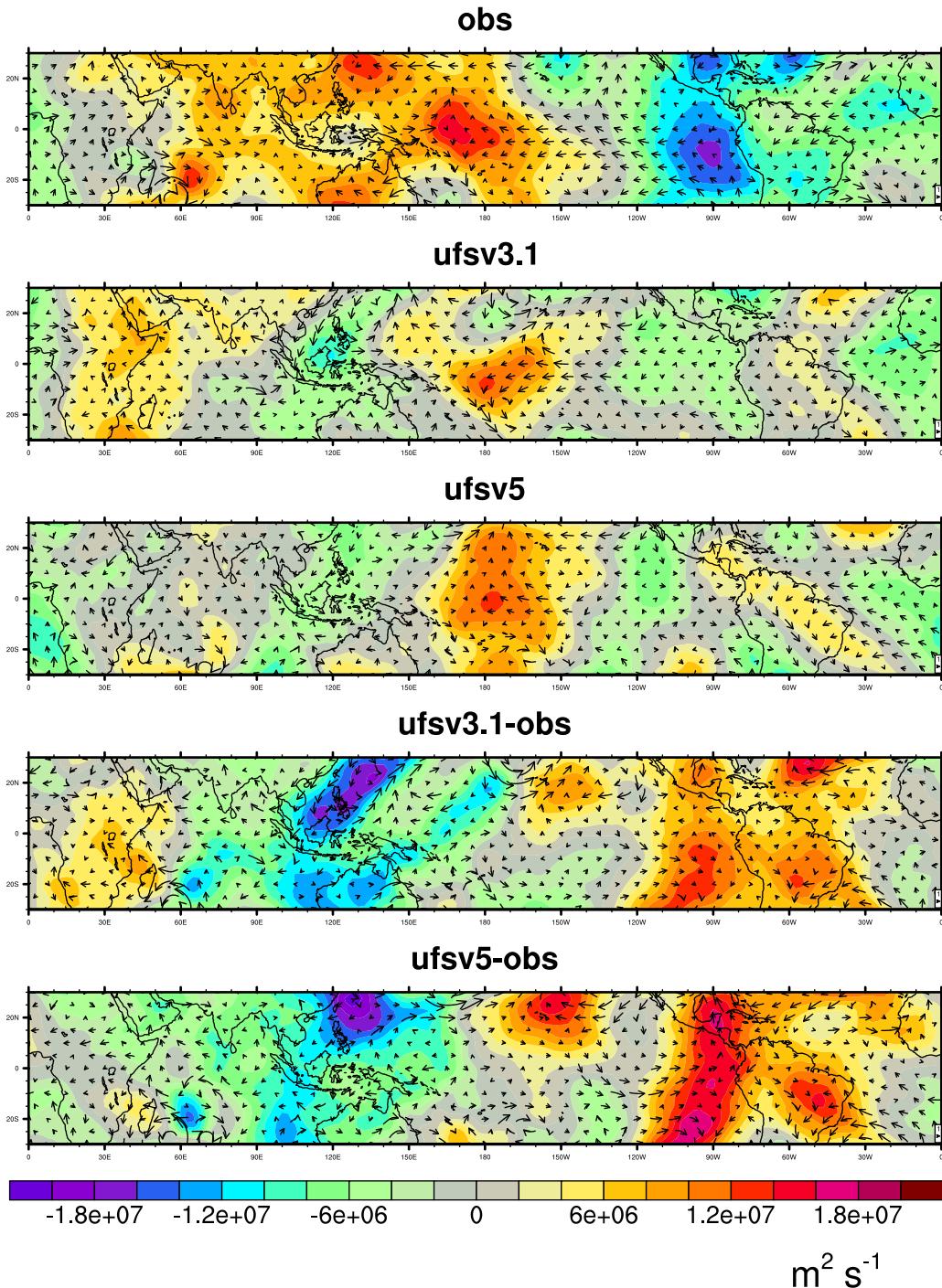
ufsv5-obs



-3.6e+07 -2.4e+07 -1.2e+07 0 1.2e+07 2.4e+07 3.6e+07

$m^2 s^{-1}$

# vp850 (20180201) lead day=34



# vp200 (20180201) lead day=34

